SCIENTIFIC ANALYTICAL LABORATORIES TESTS

EXHIBIT "LAB"



Customer: Contaminated Realty

Contact:

OrderID: 1506434

PO: Victims Town of Hinkley

Date Received: 6/15/2015

Time Received: 9:00

Order Due Date: 6/29/2015

Temperature

		ProjectID:		Upon Receipt: 9.0C Cooler + wet ice
WETLab SampleNumber:	1506434-001	Customer SampleNumber:	#1 Aquifier	Sample Date/Time: 5/18/2015 8:00:00 AM
[ICPMS Metals (200.8)]				
Method: EPA 200.8 Uranium				
WETLab SampleNumber:	1506434-002	Customer SampleNumber:	#2 Aquifier	Sample Date/Time: 5/18/2015 8:30:00 AM
[ICPMS Metals (200.8)]				
Method: EPA 200.8 Arsenic				
WETLab SampleNumber:	1506434-003	Customer SampleNumber:	#3 Aquifier	Sample Date/Time: 5/18/2015 9:00:00 AM
[ICPMS Metals (200.8)]				
Method: EPA 200.8				
Arsenic				

Sample Date/Time: 5/18/2015 9:30:00 AM WETLab SampleNumber: 1506434-004 Customer SampleNumber: #6 Aquifier

[ICPMS Metals (200.8)]

Method: EPA 200.8

Arsenic

Customer SampleNumber: #7 Aquifier Sample Date/Time: 5/18/2015 10:00:00 AM WETLab SampleNumber: 1506434-005

[ICPMS Metals (200.8)]

Method: EPA 200.8

Arsenic

Customer SampleNumber: #8 Aquifier Sample Date/Time: 5/18/2015 10:30:00 AM WETLab SampleNumber: 1506434-006

[ICPMS Metals (200.8)]

Method: EPA 200.8

Sample Date/Time: 5/18/2015 11:00:00 AM WETLab SampleNumber: 1506434-007 Customer SampleNumber: #10 Aquifier [ICPMS Metals (200.8) 1 Method: EPA 200.8 Uranium WETLab SampleNumber: 1506434-008 Customer SampleNumber: #11 Aquifier Sample Date/Time: 5/18/2015 11:30:00 AM [ICPMS Metals (200.8)] Method: EPA 200.8 Arsenic WETLab SampleNumber: 1506434-009 Customer SampleNumber: #12 Aquifier Sample Date/Time: 5/18/2015 1:30:00 PM [ICPMS Metals (200.8)] Method: EPA 200.8 Arsenic WETLab SampleNumber: 1506434-010 Customer SampleNumber: #13 Aquifier Sample Date/Time: 5/18/2015 2:00:00 PM [ICPMS Metals (200.8)] Method: EPA 200.8 Arsenic Customer SampleNumber: #14 Aquifier Sample Date/Time: 5/18/2015 2:30:00 PM WETLab SampleNumber: 1506434-011 [ICPMS Metals (200.8)] Method: EPA 200.8 Arsenic Customer SampleNumber: #16 Aquifier Sample Date/Time: 5/18/2015 3:00:00 PM WETLab SampleNumber: 1506434-012 [ICPMS Metals (200.8)] Method: EPA 200.8 Arsenic Customer SampleNumber: #19 Aquifier Sample Date/Time: 5/19/2015 8:00:00 AM WETLab SampleNumber: 1506434-013 [ICPMS Metals (200.8)] Method: EPA 200.8

WETLab SampleNumber: 1506434-014 Customer SampleNumber: #21 Aquifier Sample Date/Time: 5/19/2015 8:30:00 AM [ICPMS Metals (200.8)] Method: EPA 200.8 Arsenic WETLab SampleNumber: 1506434-015 Customer SampleNumber: #22 Aquifier Sample Date/Time: 5/19/2015 9:00:00 AM [ICPMS Metals (200.8)] Method: EPA 200.8 Arsenic Sample Date/Time: 5/19/2015 9:30:00 AM WETLab SampleNumber: 1506434-016 Customer SampleNumber: #23 Aquifier [ICPMS Metals (200.8)] Method: EPA 200.8 Uranium WETLab SampleNumber: 1506434-017 Sample Date/Time: 5/19/2015 10:00:00 AM Customer SampleNumber: #24 Aquifier [ICPMS Metals (200.8)] Method: EPA 200.8 Uranium WETLab SampleNumber: 1506434-018 Customer SampleNumber: #25 Aquifier Sample Date/Time: 5/19/2015 10:30:00 AM [ICPMS Metals (200.8)] Method: EPA 200.8 Uranium WETLab SampleNumber: 1506434-019 Customer SampleNumber: #26 Aquifier Sample Date/Time: 5/19/2015 11:00:00 AM [ICPMS Metals (200.8)] Method: EPA 200.8 Arsenic WETLab SampleNumber: 1506434-020 Customer SampleNumber: #27 Aquifier Sample Date/Time: 5/19/2015 11:30:00 AM [ICPMS Metals (200.8)] Method: EPA 200.8

Sample Date/Time: 5/19/2015 1:30:00 PM WETLab SampleNumber: 1506434-021 Customer SampleNumber: #28 Aquifier [ICPMS Metals (200.8)] Method: EPA 200.8 Arsenic Sample Date/Time: 5/19/2015 2:00:00 PM Customer SampleNumber: #29 Aquifier WETLab SampleNumber: 1506434-022 [ICPMS Metals (200.8)] Method: EPA 200.8 Arsenic WETLab SampleNumber: 1506434-023 Customer SampleNumber: #30 Aquifier Sample Date/Time: 5/19/2015 2:30:00 PM [ICPMS Metals (200.8)] Method: EPA 200.8 Arsenic Sample Date/Time: 5/19/2015 3:00:00 PM WETLab SampleNumber: 1506434-024 Customer SampleNumber: #33 Aquifier [ICPMS Metals (200.8)] Method: EPA 200.8 Arsenic Customer SampleNumber: #37 Aquifier Sample Date/Time: 5/20/2015 8:00:00 AM WETLab SampleNumber: 1506434-025 [ICPMS Metals (200.8)] Method: EPA 200.8 Arsenic Customer SampleNumber: #38 Aquifier Sample Date/Time: 5/20/2015 8:30:00 AM WETLab SampleNumber: 1506434-026 [ICPMS Metals (200.8)] Method: EPA 200.8 Uranium WETLab SampleNumber: 1506434-027 Customer SampleNumber: #39 Aquifier Sample Date/Time: 5/20/2015 9:00:00 AM [ICPMS Metals (200.8)] Method: EPA 200.8

WETLab SampleNumber: 1506434-028 Customer SampleNumber: #51 Aquifier Sample Date/Time: 5/20/2015 9:30:00 AM [ICPMS Metals (200.8)] Method: EPA 200.8 Arsenic WETLab SampleNumber: 1506434-029 Customer SampleNumber: #53 Aquifier Sample Date/Time: 5/20/2015 10:00:00 AM [ICPMS Metals (200.8)] Method: EPA 200.8 Arsenic WETLab SampleNumber: 1506434-030 Customer SampleNumber: #57 Aquifier Sample Date/Time: 5/20/2015 10:30:00 AM [ICPMS Metals (200.8)] Method: EPA 200.8 Arsenic WETLab SampleNumber: 1506434-031 Customer SampleNumber: #58 Aquifier Sample Date/Time: 5/20/2015 11:00:00 AM [ICPMS Metals (200.8)] Method: EPA 200.8 Arsenic Customer SampleNumber: #61 Aquifier WETLab SampleNumber: 1506434-032 Sample Date/Time: 5/20/2015 11:30:00 AM [ICPMS Metals (200.8)] Method: EPA 200.8 Arsenic WETLab SampleNumber: 1506434-033 Customer SampleNumber: #62 Aquifier Sample Date/Time: 5/20/2015 1:30:00 PM [ICPMS Metals (200.8)] Method: EPA 200.8 Arsenic WETLab SampleNumber: 1506434-034 Customer SampleNumber: #78 Aquifier Sample Date/Time: 5/20/2015 2:00:00 PM [ICPMS Metals (200,8)] Method: EPA 200.8

WETLab SampleNumber: 1506434-035

Customer SampleNumber: #88 Aquifier

Sample Date/Time: 5/20/2015 2:30:00 PM

[ICPMS Metals (200.8)]

Method: EPA 200.8

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A WETLAB		,	WETLAB Order ID.
WESTERN SHVIRONWENTAL	ielizina in Soil. Hezer	dous Waste and Water Analysis.	Sparks Control #
475 E. Greg Street #119 Sps			Elko Control #
tel (775) 355-0202 ! fax 1084 Lemoille Highway ! Elke		y .	Report
tel (775) 777-9833 I fax	(775) 777-8933		Due Date
3230 Polaris Ave., Suite 4 Las tel (702) 475-8899 fax		2	Page of 4
Client VICTIMS TOWN	OF HINH	CLEY	
Address Personal	Privacy 6	5 Day* (2	Standard 72 Hour* (50%)
City, State & Zip BARSTOW	CA 9	2311 48 Hour	100%) 24 How* (200%) *Surcharges Will Apply
Contact THE VICTIM	\$		
Prione Personal Privacy	6 Collector's Name	Personal Privacy 6	Other CA PDF EDD
Fax	PWS/Project Nam		6 Other
P.O. Number	PWS/Project Num	ber Yes	(No.) Yes No
Email	,		
Company AI A	AIDAALLI	PCASH)	7749737379
City, State & Zip	the state of the s	3	11 68666666
Contact	· · · · · · · · · · · · · · · · · · ·		
Phone	Fax		
Email *		12/3	
			AAAAAA MO
#1 AQUIFER	5/12/1	BAY XDW/	
#2 AQUIFER	5/16/15	8: 2 An * WI	/ / / / / / / 2 2
#3 AQUIFER	2 5/18/1	9: AN XDW 1-	1 / / / / 3
#6 AQUIFFE	3 5/18/1	9:30 AM XDV 1	11116
#7 AQUIFFR	2 5/18/1	10 AM * WU !	
# 8 AQUIFER	SIBLIS	10: 10 ALX MU 1	
# 10 AQUIFFR	\$1/8/	1/AM x0111 -	10
# 1) AQUIFER		1/:30 ANXW	
# 12 AQUIFER	5/18/	S 1550 ATOM 1	12
Instructions/Comments/Special Requirements:	. 17	ч	
	546.	paid in cash co	6-15-15
DW = Drinking Water WW -		Water MW = Monitoring Well SD = Solid/Sludge S	O = Soil HW = Hazardous Waste OTHER:
*SAMPLE PRESERVATIVES: 1=Unpr	eserved 2=H2SO4	3=NaOH 4=HCI 6=HNO3 6=Na2S	203 7=ZnOAc+NaOH 8=HCI/VOA Vial
Temp Custody Seal # of Containers	DATE TIME	Samples Relinquished By	Samples Received By
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°C Y N None 35	1.15·15 1534	Th	Ontra
°C Y N None	0. 3.		
°C Y N None		1. N	
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Client/Collector attests to the validity and authenticity of this (these) sample(s) and, is (are) aware that tampering with or intentionally mislabeling the sample(s) location, date or time of collection may be considered fraud and subject to legal action (NAC445.0836).

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.

WETLAB will dispose of samples 90 days from sample receipt. Client may request a longer sample storage time for an additional fee.

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Please contact your Project Manager for details.

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A WETLAB	. · ·		WETLAB Order ID.
WESTERN ENVIRONMENTAL	iolising in Coil Hose	rdous Waste and Water Analysis.	Sparks Control #
475 E. Greg Street #119 Sp			Elko Control #
tel (775) 355-0202 1 fax	(775) 355-0817	**************************************	LV Control #
1084 Lamoille Highway 1 Elk tel (775) 777-8933 1 fax			Report Due Date
3230 Polerie Ave., Suite 4 Lar tel (702) 475-8889 feo	s Vegas, Nevede 6910	02	Page 2 of 4
			Page Villa Control of the Control of
Address Personal			Standard
City, State & Zip BARSTOW			
Contact THE VICTIMS			Survivinges HEADAY
Phone Personal Privacy	6 Collector's Name	Personal Privacy 6	Other_CA_X
Fax Tax	PWS/Project Nan	***************************************	No Other
P.O. Number	PWS/Project Nun		(No) Yes No
Email			
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Company N/A PA	DAU H	W CASH)	34444413111
City, State & Zip	·		4
Contact		1,41,	1 6 12 12 18 18 19 19 19 19
Phone	Fex		
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# 13 AQUIFER	5/18/18	2 PM * WH	/ / / / / / / / / / / / / / / / / / / /
# 14 AQUIFER	VRIK	2:50 mx 1W F	1 14
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H OF AQUIFE	B 0/194/1	63% * W	
H 20 ABJUFE	a Willia	3 AR * W	1 1 1 22
# 25 AQUIFER	2 1/0/16	9:30 AM * DW +	1 1 23
# 24 AQUIFER			1 1 2
# 25 AQUIFF	15 5// 3 //3	10:30 Augh PW	
Instructions/Comments/Special Requirements:	- 11 00		
	570.	Wester MW = Monitoring Well SD = Solid/Shidge S	
*SAMPLE PRESERVATIVES:. 1=Unpri			
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Containers		Samples Relinquished by	Samples Received by
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33 8	15 15 1536		Untrac
°C Y N None	A. Carlotte	<u>.</u> . *	
°C Y N None			Mark Street College Street
			Table 10 To Tabl

Client/Collector attests to the validity and authenticity of this (these) sample(s) and, is (are) aware that tampering with or intentionally mislabeling the sample(s) location, date or time of collection may be considered fraud and subject to legal action (NAC445.0636).

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A WETLAB	: :	• •	WETLAB Order ID.
WESTERN ENVIRONMENTAL	necializina in Sail Hezzu	rdous Waste and Water Anelysis.	Sparks Control #
475 E. Greg Street #119 I			Elko Control #
tal (775) 355-0202 I	fex (775) 355-0817	93	LV Control #
1084 Lamoille Highway I tel (775) 777-9833 I			Report Due Date
3230 Poleris Ave., Buite 4 tel (702) 475-8899	Les Veges, Nevada 8910	02	Page 3 of 4
			1-Fate of
Client VICTIMS TOL	DALOF H/ onal Privacy 6	UKLEY "	Standard
Muddess	Personal Privacy 6	5 Day" (5 48 Hour	25%) 72 Hour* (50%)
Contact THE VICTIMS			Surcharges was Apply
Phone Personal Privac		Personal Privacy 6	Other
Fax 1	PWS/Project Nan		
P.O. Number	PWS/Project Nun		(No) Yes No
Email			
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City, State & Zip		13	3 4 3 1 3 3 3 3 1
Contact			
Phone	Fax	137	
Email		2	
		7;	777777 ISPI
#26 AQUIF	=R 5/19/1	11 M X DU 1 /	///////////////////////////////////////
#27 AQUIF	FR 5/19	15/130 AM * OW 1	1 / / / / / 27 2
# 28 AQUI	FFK \$116	1/5/20AX OWI	1
# 29 AQUI	= FR \$/19/	152m * WI	1 1 1 1 29 1
# 30 AQUI	FFR \$/19/	15 2 SOMY DW 1	30 1
# 33 AQUIT	FR 5/19	153 P4 X DW 1-	33
# 37 AQU)	FER Shol	IS BAN X DW 1	37 2
# 28 ARUI	FER \$/261	15 8:30mx 00 1 -	38 2
# 39 AQUI	= FR \$/20/	15 9 AM X DW 1 +	39 2
Instructions/Comments/Special Requireme	nts: \$546.00 p	raid in cach colde	15-11
			Di Hear
		Walter MW = Monitoring West, SD = Solid/Sludge	
			S2O3 7=ZnOAc+NaOH 8=HCI/VOA Vial
Temp Custody Seal # of Containers	والشعشاء والمستند والم	Samples Relinquished By	Samples Received By
9.0°C Y N None 35	6-15-15 Max	MG GALL	
°C Y N None 35	65.15 1530		Ontrac
°C Y N None			
°C Y N None			

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			- -	
WETLAB WESTERN ENVIRONMENTAL TESTING LABORATORY Specializin 475 E. Greg Street #118 Sperks, 1 tel (775) 355-0202 fax (775) 1084 Lamollie Highway Elico, New tel (775) 777-8833 fax (775) 3230 Polente Ave., Suite 4 Lee Vege tel (702) 475-8888 fax (702)	Noveda 89431) 355-0817 vada 89801) 777-9933 is, Neveda 8910		WETLAB Order Sparks Control Elko Control #_ LV Control #_ Report Que Date	*
Address Personal F			Standard	72 Hour (50%)
City, State & Zip BARS70/U		·	lour" (100%)	24 Hour* (200%) es Will Apply
Contact THE VICTIMS	,			
Phon Personal Privacy 6	ollector's Name	,	NV CA	
	WS/Project Nan	** 2	Yes (No.)	Office EDD
	WS/Project Nun		Yes (No.	Yes No
Email	^			
Company N/A (PAID Address City, State & Zip Contact Phone Fax Email # 5/ AQUIFER # 53 AQUIFER # 57 AQUIFER # 58 AQUIFER # 61 AQUIFER # 62 AQUIFER # 78 AQUIFER # 88 AQUIFER	\$\f20\fis \$\f20\fis \$\f20\fis \$\f20\fis 2\f20\fis 2\f20\fis 2\f30\fis	9:30 AM * DU 1 10 AM * DU 1 10:30 AM X DU 1 11:30 AM X DU 1 1:30 AM X DU 1 2 AM * DU 1		#6.Em C #6.55
Instructions/Comments/Special Requirements:	1546.W	gaid in coch c	266-15-15	
DW = Drinking Walk, WW = Waste	man Citi - No.	water MW = Monitoring Well SD = Solid/Slut	** \$0 ** out (80 - 11 - 2	to Made Attion
SAMPLE PRESERVATIVES: 1=Unpreserv				
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C Y N None				
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POISONED AQUIFERS WITH ARSENIC AND URANIUM, ENTIRE TOWN OF HINKLEY, CA 92347

POISONED WITH / CONCENTRATION	LATIDUDE COORDINATES	LONGITUDE COORDINATES	AQUIFER#
URANIUM AT 70 pCi/L	34° 55' 58.20" N	117° 11' 55.46" W	1
ARSENIC AT 2,500 ppb	34° 54' 27.22" N	117° 10' 34.43" W	2
ARSENIC 130 ppb	34° 54' 41.49" N	117° 11' 16.92" W	3
ARSENIC AT 740 ppb Alleged area coordinates (applicable) therefrom adjacent area coordinates	34° 55' 45.35" N 34° 56' 09.70" N	117° 07' 21.99" W 117° 08' 08.19" W	6 88
ARSENIC AT 19 ppb	34° 55' 00.10" N	117° 13' 04.58" W	7
ARSENIC AT 270 ppb	34° 55' 59.31" N	117° 11' 57.13" W	8
URANIUM AT 35 pCi/L	34° 54' 40.11" N	117° 07' 07.49" W	10
ARSENIC AT 57 ppb	35° 00' 56.45" N	117° 12' 13.30" W	11
ARSENIC AT 34 ppb	35° 01' 43.44" N	117° 11' 51.61" W	12
ARSENIC AT 9.9 ppb	43° 56' 12.41" N	117° 14' 00.13" W	13
ARSENIC AT 350 ppb	35° 01' 55.43" N	117° 12" 19.21" W	14
ARSENIC AT 140 ppb	35° 01' 46.10" N	117° 12' 27.24" W	16
ARSENIC AT 73 ppb	34° 55' 24.01" N	117° 13' 15.34" W	19
ARSENIC AT 19 ppb	34° 56' 17.58" N	117° 09' 05.62" W	21
URANIUM AT 49 ug/L	34° 55' 12.82" N	117° 12' 39.47" W	22
URANIUM AT 70 pCi/L Alleged area coordinates (applicable) therefrom adjacent area coordinates	34° 55' 46.32" N 34° 55' 58.20" N	117° 11' 50.31" W 117° 11' 55.46" W	1 23
URANIUN AT 49 ug/L	34° 55' 12.82" N	117° 12' 39.47" W	24
URANIUM AT 49 ug/L	34° 55' 12.82" N	117° 12' 39.47" W	25

POISONED AQUIFERS WITH ARSENIC AND URANIUM, ENTIRE TOWN OF HINKLEY, CA 92347

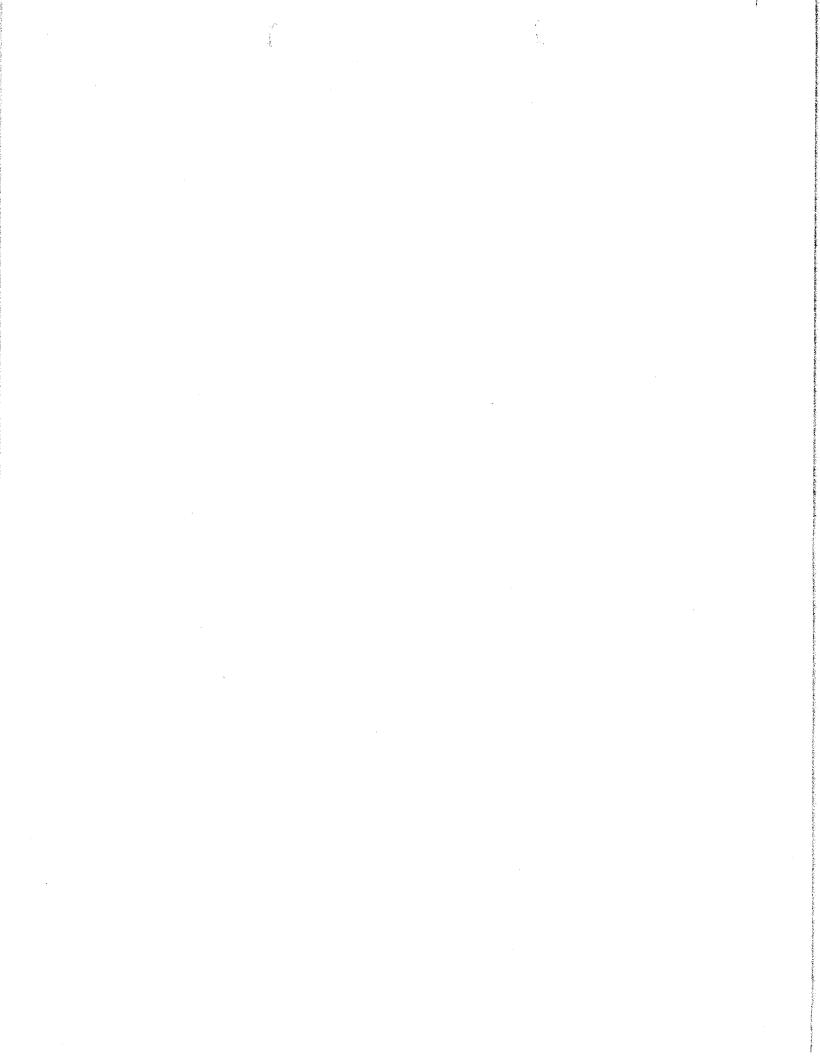
POISONED WITH / CONCENTARTION	LATIDUDE COORDINATES	LONGITUDE COORDINATES	AQUIFER#
ARSENIC AT 19 ppb	34° 59' 44.96" W	117° 12' 26.32" W	26
ARSENIC AT 470 ppb	34° 55' 40.25" N	117° 12' 12.61" W	27
ARSENIC AT 46 ppb	34° 55' 10.12" N	117° 13' 05.60" W	28
ARSENIC AT 150 ppb	34° 55' 04.54" N	117° 13' 04.59" W	29
ARSENIC AT 79 ppb	35° 02' 39.28" N	117° 12' 09.67" W	30
ARSENIC AT 19 ppb	34° 55' 06.02" N	117° 08' 37.94" W	33
ARSENIC AT 210 ppb	34° 56' 30.76" N	117° 10' 57.21" W	37
URANIUM AT 49 ug/L	34° 55' 12.82" N	117° 12' 39.47" W	38
ARSENIC AT 76 ppb	34° 54' 34.68" N	117° 11′ 07.73" W	39
ARSENIC AT 11	34° 54' 41.74" N	117° 11' 12.13" W	51
ARSENIC AT 120 ppb	34° 56' 13.98" N	117° 11' 13.27 W	53
ARSENIC AT 140 ppb	34° 56' 20.65" N	117° 11' 09.40" W	57
ARSENIC AT 54 ppb	34° 56' 31.21" N	117° 11' 17.40" W	58
ARSENIC AT 24 ppb	34° 55' 32.75" N	117° 07' 07.86" W	61
ARSENIC AT 13 ppb	34° 51' 09.81" N	117° 11' 42.47" W	62
ARSENIC AT 30 ppb	34° 56' 10.70" N	117° 12' 00.25" W	78
ARSENIC AT 740 ppb	34° 56' 09.70" N 34° 55' 46.44" N	117° 08' 08.17" W 117° 07' 39.28" W	88
ppb – parts per billion for Arsenic	pCi/L - picocurie per liter an	d ug/L – microgram per liter	for Uranium

POISONED AQUIFERS WITH ARSENIC AND URANIUM, ENTIRE TOWN OF HINKLEY, CA 92347

Testing results provided by the scientific and state certified analytical laboratories: Clinical Laboratory of San Bernardino, Inc.; WECK Laboratories, Inc.; Western Environmental Testing Laboratory, Recent.

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Personal Privacy 6



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ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Western Environmental Testing Laboratory

475 East Greg Street, # 119 Sparks, NV 89431

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

> This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 2523

Expiration Date: 11/30/2016

Effective Date: 12/1/2014

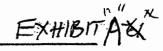
Richmond, California subject to forfeiture or revocation Christine Sotelo, Chief

Environmental Laboratory Accreditation Program

Western Environmental Testing Laboratory QC Report

QCBatchID QC	Туре	Parameter		Method		Result	Units				.,		
QC15010189	Blank 1	Arsenic		EPA 20	0.8	0.0015	mg/L						
QCBatchID QC	Туре	Parameter		Method		Result	Actual	% R	covery	Units			
QC15010189 I	LCS 1	Arsenic		EPA 20	0.8	0.0528	0.050	106		mg/L			
QCBatchID QC	CType Par	ameter	, <u></u>	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value		MS % Rec.	MSD % Rec.	RPD
QC15010189	MS 1 Arse	nic		EPA 200.8	1412779-001	ND	0.0536	0.0536	0.050	mg/L	103	103	<1%
Customer Sa	mple ID:	Velazques						Collect Da	te/Time:	12/16/201	4 16:00		
WETLAB Sa	mple ID:	1412761-002						Rece	ive Date:	12/23/201	4 13:10		
Analyte			Method		Results	Units		DF	RL	Analyz	ed 1	LabID	
Trace Metal: Arsenic Sample Prep			EPA 200.8		24	μ g/ L		1	1.0	1/6/201	5 1	NV00925	
Trace Metals	Digestion		EPA 200.2		Complete	•		1		1/6/201	5 1	TV00925	
Customer San	nple ID:	DO-Y.K						Collect Da	te/Time:	12/16/2014	14:00		
WETLAB Sai	mple ID:	1412761-003						Recei	ve Date:	12/23/2014	13:10		
Analyte			Method		Results	Units		DF 1	RL	Analyza	d I	abID	
Trace Metals Arsenic Sample Preparent			EPA 200.8		740	μg/L		1	1.0	1/6/201:	5 N	IV00925	
Trace Metals	Digestion		EPA 200.2		Complete	:		1		1/6/201	5 N	V00925	
Customer San WETLAB San	•	DW-22-53 1412761-004					•			12/16/2014 12/23/2014			
Analyte			Method		Results	Units		DF 1	RL	Analyze	d I	abID	
Trace Metals Arsenic			EPA 200.8		37	μg/L		1 1	1.0	1/6/201	5 N	IV00925	
Sample Preparation of Prace Metals 1			EPA 200.2		Complete	-		1		1/6/201:	; N	IV00925	

DF=Dilution Factor, RL=Reporting Limit, ND=Not Detected or <RL







ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Weck Laboratories, Inc.

Weck Analytical Environmental Services

14859 East Clark Avenue City of Industry, CA 91745

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1132

Expiration Date: 03/31/2016

Effective Date: 04/01/2014

Richmond, California subject to forfeiture or revocation

David Mazzera, Ph.D., Assistant Division Chief



Certificate of Analysis

Analytical Laboratory Service - Since 1964

Report Date: 09/09/14 08:37 Received Date: 08/28/14 13:32

Client: Water Investigations

848 N. Rainbow Blvd., #122 Las Vegas, NV 89107

Turnaround Time: Normal

Personal Privacy 6 Phone:

Fax:

Attn: Personal Privacy 6

Project:

P.O.#:

Dear Personal Privacy 6

Enclosed are the results of analyses for samples received 8/28/2014 with the Chain of Custody document. The samples were received in good condition, at 4.9 °C. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Work Order No: 4H28040-01 Sample ID: Chromium (VI) #7 Matrix: Water Sampled: 08/27/14 16:20 Sample Note: Sampled by: Jack Rosen Units Result Qualifier RL Dil Method Analyzed Analyst **Batch** Analyte Prepared 0.30 EPA 218.6 09/03/14 10:00 09/03/14 15:37 cwh W4I0098 Sample ID: Uranium #7 Work Order No: 4H28040-02 Matrix: Water Sampled by: Personal F Sampled: 08/27/14 11:10 Sample Note: Units Result Qualifier RL Dit Method Prepared Analyzed Analyst Batch Analyte 09/04/14 12:13 09/08/14 14:40 щ W4I0209 0.20 EPA 200.8 8.5 Uranium, Total. ug/1 Work Order No: 4H28040-03 Sample ID: Uranium #19 Matrix: Water Sampled by: Sampled: 08/27/14 11:30 Sample Note: Units Result Qualifier RL Dil Method Prepared Analyzed Analyst Batch Analyte W4I0209 0.20 EPA 200.8 09/04/14 12:13 09/08/14 14:42 щ Uranium, Total ug/l Work Order No: 4H28040-04 Sample ID: Uranium #38 Matrix: Water Sampled: 08/27/14 11:50 Sample Note: Sampled by: Units Batch Anaiyst Result Qualifier RL Dil Method Prepared Analyzed Analyte 09/08/14 14:45 W4I0209 09/04/14 12:13 щ Uranium, Total. ..17 0.20 1 **EPA 200.8** ua/l Work Order No: 4H28040-05 Sample ID: Uranium #39 Matrix: Water Sample Note: Sampled: 08/27/14 12:15 Sampled by: Personal Privacy 6 Units Qualifier Method Analyzed Analyst Batch Result RL Dil Prepared **Analyte** EPA 200.8 09/04/14 12:13 09/08/14 14:47 щ W4I0209 Uranium, Total. Matrix: Water Work Order No: 4H28040-06 Sample ID: Uranium #28

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Uranium, Total	19		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 14:59	ml	W4I0209
Work Order No: 4H28040-07 Sampled by: Personal Privacy 6		ID: Uranium ampled: 08/2		****	ix: Water ole Note:					
Analyte	Result	Qualifier	Units	RI	Dil	Method	Prepared	Analyzed	Analyst	Batch

RL

0.20

Sample Note:

Dif

4H28040-09

Sampled by:

Analyte

Lab#:

Uranium, Totai.

W4I0209

Analyst

щ

Analyzed

09/08/14 15:14

ug/l

Sampled: 08/27/14 12:35

Qualifier

Result

Method

EPA 200.8

Prepared

09/04/14 12:13

FAX (626) 336-2634





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Is hereby granted to

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21881 Barton Road Grand Terrace, CA 92313

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Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

> This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.:

1088

Expiration Date: 01/31/2016

Effective Date: 02/01/2014

Richmond, California subject to forfeiture or revocation David Mazzera, Ph.D., Assistant Division Chief

Clinical Laboratory of San Bernardino, Inc.



Personal Privacy 6			Project: 1	Routine				Work Orde	r: 14H0183
Personal Privacy 6		Sub	Project:	Toxic Tort To	wns / Hinkley			Received:	08/04/14 17:05
Barstow CA, 92311		Project N	Manager: F	Personal Privacy 6				Reported:	08/19/14
Personal Privacy 6		14H0183-08	(Water)		Sample Date	: 07/26/14	15:30	Sampler:	Personal Privacy 6
Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
Metals									_
Arsenic (As)	SM3113-B	19	ug/L	2.0	10	08/11/14	08/11/14	143302	5
Personal Privacy 6	· ·- ·								<u></u>
Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
Metals Arsenic (As)	SM3113-B	270	ug/L	20	10	08/15/14	08/18/14	1433586	i
HO ^{Personal Privacy 6}				•			_		
av									
Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
Metak Arsenic (As)	SM3113-B	350	ug/L	20	10	08/15/14	08/18/14	1433586	i
Personal Privacy 6		14H0183-11	(Water)		Sample Date:	07/30/14	14:30	ampler:	Nick Panchev
Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzod	Batch	Qualifier
Metals									,
Arsenic (As)	SM3113-B	ND	ug/L	2.0	10	08/11/14	08/11/14	1433025	
Personal Privacy 6					:				
Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
Metals					•				
Arsenic (As)	SM3113-B	149	ug/L	20	10	08/15/14	08/18/14	1433586	
Personal Privacy 6		14H0183-13	(Water)		Sample Date:	07/31/14	10:00 S	ampler:	Personal Privacy 6
Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
Metals				·					
Arsenic (As)	SM3113-B	66	ug/L	4.0	10	08/15/14	08/18/14	1433586	
Personal Privacy 6									
Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
Metals									
Arsenic (As)	SM3113-B	470	ug/L	20	10	08/15/14	08/18/14	1433586	

Post Office Box 329 San Bernardino, CA 92402 (909) 825-7693 Fax (909) 825-7696 ELAP Number 1088

Exhibit A"

6-7/2-8 6-7/2-8 6-4/2-3 6-27/12-8





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Weck Laboratories, Inc.

Weck Analytical Environmental Services

14859 East Clark Avenue

City of Industry, CA 91745

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.:

1132

Expiration Date: 03/31/2016

Effective Date: 04/01/2014

Richmond, California subject to forfeiture or revocation David Mazzera, Ph.D., Assistant Division Chief

Analytical Laboratory Service - Since 1964

Certificate of Analysis

Report Date: 10/20/14 14:06 Received Date: 10/07/14 12:50

Client: Water Investigations

848 N. Rainbow Blvd., #122 Las Vegas, NV 89107 Turnaround Time: 6 workdays

Phone:

Personal Privacy 6

Fax:

P.O.#:

Attn: Personal Privacy 6

Project: Arsenic Testing

Dear Jack Rosen:

Enclosed are the results of analyses for samples received 10/7/2014 with the Chain of Custody document. The samples were received in good condition, at 1.3 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Work Order No: 4J07046-01 Sampled by:		iD: #16 Bro ampled: 10/6			x: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	D₩	Method	Prepared	Analyzed	Analys	Batch
Arsenic, Total	120		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:03	пf	W4J0456
Work Order No: 4J07046-02 Sampled by: Personal Privacy 6		D: Ken Nita ampled: 10/0			Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	
enic, Total	76		ug/i	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:08	m	W4J0456
work Order No: 4J07046-03 Sampled by: Personal Privacy 6		D: #39 Jeni ampled: 10/0			rix: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	3.9		ug/i	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:12	пt	W4J0456
Work Order No: 4J07046-04 Sampled by: Personal Privacy 6		D: #13 Corl ampled: 10/0			: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	
Arsenic, Total	4.8		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:29	mi	W4J0456
Work Order No: 4J07046-05 Sampled by: Personal Privacy 6		D: #28 Cha mpled: 10/0	ries Matthies 14/14 14:30		Mat ple Note:	rix: Water				
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	210		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:34	пt	W4J0456
Work Order No: 4J07046-06 Sampled by: Personal Privacy 6		D: #37 Ram impled: 10/0		***************************************	ix: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	11		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:38	пl	W4J045 6
Work Order No: 4,107046-07 Sampled by: Personal Pinacy 8		D: #51 Rebo			rix: Water ole Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	38		ug/f	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:55	пt	W4J0456

Lab#: 4J07046-08





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

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Is hereby granted to

Weck Laboratories, Inc.

Weck Analytical Environmental Services

14859 East Clark Avenue City of Industry, CA 91745

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1132

Expiration Date: 03/31/2016

Effective Date: 04/01/2014

Richmond, California subject to forfeiture or revocation

David Mazzera, Ph.D., Assistant Division Chief





Certificate of Analysis

Analytical Laboratory Service - Since 1964

Report Date: 09/09/14 08:37 Received Date: 08/28/14 13:32

Turnaround Time: Normal

Phone: Personal Privacy 6

Fax:

P.O.#:

Client: Water Investigations

Attn: Personal Privacy 6

848 N. Rainbow Blvd., #122 Las Vegas, NV 89107

Project:

Dear Personal Privacy 6:

Enclosed are the results of analyses for samples received 8/28/2014 with the Chain of Custody document. The samples were received in good condition, at 4.9 °C. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Work Order No: 4H28040-01 Sampled by: Personal Privacy 6		ID: Chromi ampled: 08	ium (VI) #7 /27/14 16:20	Sam	Matrix: W ple Note:	later .					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analysi	Batch	
Chromium 6+	1.9	1	ug/l	0.30	1	EPA 218.6	09/03/14 10:00	09/03/14 15:37	cwh	W4I0098	
Work Order No: 4H28040-02 Sampled by: Personal Privacy 6		ID: Uraniui ampled: 08/	m #7 /27/14 11:10		x: Water ple Note:						
Analyte	Result	Qualifier	Units	RL.	Dil	Method	Prepared	Analyzed	Analyst	Batch	
Uranium, Total	8.5		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 14:40	и	W410209	
Work Order No: 4H28040-03 Sampled by: Personal Privacy 6	Sample ID: Uranium #19 Sampled: 08/27/14 11:30		Matrix: Water Sample Note:								
Analyte	Result	Qualifier	Units	RL	Dii	Method	Prepared	Analyzed	Analyst	Batch	
Uranium, Total	49		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 14:42	m	W4I0209	
Work Order No: 4H28040-04 Sampled by: Personal Privacy 6	Sample ID: Uranium #38 Sampled: 08/27/14 11:50		Matrix: Water Sample Note:								
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch	
Uranium, Total	17		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 14:45	пl	W4I0209	
Work Order No: 4H28040-05 Sampled by: Personal Privacy 6		D: Uraniun impled: 08/			ix: Water de Note:						
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch	
Jranium, Total	16		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 14:47	пd	W4I0209	
Work Order No: 4H28040-06 Sampled by: Personal Privacy 6		D: Uranium mpled: 08/2		Matrix: Water Sample Note:							
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch	
Jranium, Total	19		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 14:59	nt	W410209	
Nork Order No: 4H28040-07 Sampled by: Personal Privacy 6		D: Uranium mpled: 08/2			ix: Water le Note:						
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch	
Uranium, Total	30		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 15:14	ιτί	W4I0209	

4H28040-09





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

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Is hereby granted to

Clinical Laboratory of San Bernardino, Inc.

21881 Barton Road Grand Terrace, CA 92313

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

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> This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.:

1088

Expiration Date: 01/31/2016

Effective Date: 02/01/2014

Richmond, California subject to forfeiture or revocation David Mazzera, Ph.D., Assistant Division Chief

Clinical Laboratory of San Bernardino, Inc.



Callahan & Blaine

Project: Drinking Water

Work Order: 13H1419

3 Hutton Centre Drive, Ninth Floor

Sub Project: Irving

Received: 08/16/13 11:55 Reported: 09/03/13

Santa Ana CA, 92707

Project Manager: Personal Privacy 6

Irving		13H1419	-01 (Wate	er)	Sample	Date: 08	716/13 8:0	N Sampi	er: . I cisonal	- invacy o
Analyte	Method	Result	Units	Rep. Limit	MDL	MCL	Prepared	Analyzed	Batch	Qualifier
Metals										
Arsenic (As)	SM3113-B	30	ug/L	2.0	0.68	10	08/22/13	08/22/13	1334349	
Chromium (+6)	EPA 218.6	1.3	ug/L	1.0	0.14		08/16/13	08/19/13	1334014	
Radiochemistry Analyses										
Gross Beta	EPA 900.0	15	pCi/L	4.0		50	08/19/13	08/26/13	1330379	
Gross Beta Counting Error	EPA 900.0	3.2	pCi/L				08/19/13	08/26/13	1330379	
Gross Beta Min Det Activity	EPA 900.0	2.2	pCi/L				08/19/13	08/26/13	1330379	
Uranium	EPA 908.0	70	pCi/L	1.0		20	08/20/13	08/20/13	1333313	
Uranium Counting Error	EPA 908.0	3.5	pCi/L				08/20/13	08/20/13	1333313	
Uranium Min Det Activity	EPA 908.0	0.88	pCi/L				08/20/13	08/20/13	1333313	

Detected below the Reporting Limit; reported concentration is estimated; (J-Flag)

ND Analyte NOT DETECTED at or above the MDL; Method Detection Limit

Robin Glenney Project Manager EXHIBIT!





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Clinical Laboratory of San Bernardino, Inc.



Personal Privacy 6 Personal Privacy 6 Barstow CA, 92311			b Project:	Routine Hinkley Nick Panchev				Work Order: Received: Reported:	14H0251 08/06/14 08:20 08/28/14
Personal Privacy 6									
Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Betch	Qualifier
Metals									
Arsenic (As)	SM3113-B	73	ug/L	4.0 -	10	08/20/14	08/20/14	1434256	
Chromium (+6)	EPA 218.6	ND	ug/L	1.0	10	08/06/14	08/07/14	1432413	
Personal Privacy 6									
Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
Metals						1			
Arsenic (As)	SM3113-B	19	ug/L	2.0	10	08/11/14	08/11/14	1433025	
Chromium (+6)	EPA 218.6	ND	ug/L	1.0	10	08/06/14	08/07/14	1432413	
Personal Privacy 6						_			
Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
Metals									
Arsenic (As)	SM3113-B	740	ug/L	50	10	08/20/14	08/20/14	1434256	
Chromium (+6)	EPA 218.6	ND	ug/L	1.0	10	08/06/14	08/07/14	1432413	
Personal Privacy 6		14H0251-04	(Water)		Sample Da	te: 08/05/14	13:43 S	impler: Pe	rsonal Privacy 6
Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
Metals									
Arsenic (As)	SM3113-B	ND	ug/L	2.0	10	08/11/14	08/11/14	1433025	
Chromium (+6)	EPA 218.6	ND	ug/L	1.0	10	08/06/14	08/07/14	1432413	
ND Analyte NOT DETECTED at or above	the reporting lim	nit							

Robin Glenney
Project Manager

Page 1 of 1





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. 21881 Barton Road Grand Terrace, CA 92313

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Certificate No.: 1088

Expiration Date: 01/31/2016

Effective Date: 02/01/2014

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Clinical Laboratory of San Bernardino, Inc.



/							,			
	Personal Privacy 6			Project					Work Orde	r: 14H0183 08/04/14 17:05
	25633 Anderson Ave									
	Barstow CA, 92311		Project N	fanager:	Reported:	08/19/14				
	TOLEDO		14H0183-08 (Water)		Sample Date	15:30	Sampler:	Nick Panchev		
	Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
	Metals									
	Arsenic (As)	SM3113-B	19	ug/L	2.0	10	08/11/14	08/11/14	1433025	5
	Personal Privacy 6									·
	Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
	<u>Metals</u>									
	Arsenic (As)	SM3113-B	279	ug/L	20	10	08/15/14	08/18/14	1433586	
	Personal Privacy 6		14H0183-10	(Water)		Sample Date	: 07/30/14	14:00	Sampler:	Personal Priva
	Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
1	Metals									
	Arsenic (As)	SM3113-B	350	ug/L	20	10	08/15/14	08/18/14	1433586	
	Personal Privacy 6		14H0183-11	(Water)		Sample Date	: 07/30/14	14:30	ampler:	Personal Privacy 6
1	Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzod	Betch	Qualifier
1	<u>Metals</u>									
	Arsenic (As)	SM3113-B	ND	ug/L	2.0	10	08/11/14	08/11/14	1433025	
Î	rersonal Pri	····	14H0183-12	(Water)		Sample Date:	07/30/14	16:30 S	ampler:	Personal Privacy 6
	Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
1	<u>Metak</u>									
	Arsenic (As)	SM3113-B	140	ug/L	20	10	08/15/14	08/18/14	1433586	
	Personal Privacy 6		14H0183-13	(Water)		Sample Date:	07/31/14	10:00 S	ampler:	Personal Privacy 6
	Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
I	Metals									
	Arsenic (As)	SM3113-B	66	ug/L	4.0	10	08/15/14	08/18/14	1433586	
P	ersonal Privacy 6		14H0183-14	(Water)		Sample Date:	07/31/14	10:30 S	ampler:	Personal Priva
	Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
_	Metals									
	Arsenic (As)	SM3113-B	470	ug/L	20	10	08/15/14	08/18/14	1433586	

Post Office Box 329 San Bernardino, CA 92402 (909) 825-7693 Fax (909) 825-7696 ELAP Number 1088

1-7/2 8 1-14/2-36





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

is hereby granted to

Western Environmental Testing Laboratory

475 East Greg Street, # 119 Sparks, NV 89431

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 2523

Expiration Date: 11/30/2016

Effective Date: 12/1/2014

Richmond, California subject to forfeiture or revocation

Christine Sotelo, Chief

Environmental Laboratory Accreditation Program

Western Environmental Testing Laboratory Analytical Report

Contaminated Realty

848 N. Rainbow Blvd. #1422

Las Vegas, NV 89107

Phone: Personal Privacy 6 Fax:

PO\Project: 31411074/TOSIC TORT TOWNS

Date Printed: OrderID:

12/5/2014

1411453

Customer Sample ID:	HAWES #11					Collect !	Date/Time:	: 11/13/2014	13:05
WETLAB Sample ID:	1411453-001					Re	ceive Date	: 11/17/2014	15:00
Analyte		Method		Results	Units	DF	RL	Analyzed	LabID
Trace Metals by ICP-M	IS								
Arsenic		EPA 200.8		57	μ g /L	1	1.0	12/1/2014	NV00925
Sample Preparation									
Trace Metals Digestion		EPA 200.2		Complete		1		12/1/2014	NV00925
Customer Sample ID:	Person	al Privacy 6				Collect l	Date/Time:	11/13/2014 1	3:30
WETLAB Sample ID:	1411453-002					Re	eive Date:	11/17/2014 1	5:00
Analyte		Method	,	Results	Units	DF	RL	Analyzed	LabID
Trace Metals by ICP-M	<u>s</u>								
Arsenic		EPA 200.8		46	μg/L	1	1.0	12/1/2014	NV00925
Sample Preparation									
Trace Metals Digestion		EPA 200.2		Complete		1		12/1/2014	NV00925
Customer Sample ID:	Personal Privacy 6					Collect I	ate/Time:	11/13/2014 1	4:00
WETLAB Sample ID:	1411453-003					Rec	eive Date:	11/17/2014 1	5:00
Analyte		Method		Results	Units	DF	RL	Analyzed	LabID
Trace Metals by ICP-M	<u>s</u>								
Arsenic		EPA 200.8		9.8	μ g/ L	1	1.0	12/1/2014	NV00925
Sample Preparation									
Trace Metals Digestion		EPA 200.2		Complete		1		12/1/2014	NV00925
Customer Sample ID:	Personal Privacy 6					Collect D	ate/Time:	11/13/2014 15	5:00
VETLAB Sample ID:	1411453-004					Rec	eive Date:	11/17/2014 15	5:00
Analyte		Method		Results	Units	DF	RL	Analyzed	LabID
Trace Metals by ICP-MS	3								
Arsenic		EPA 200.8		19	μg/L	1	1.0	12/1/2014	NV00925

DF=Dilution Factor, RL=Reporting Limit, ND=Not Detected or <RL

EPA 200.2

Sample Preparation Trace Metals Digestion

Page 3 of 5

NV00925

SPARKS 60x (779) 355-9517 EPA LAG ID: NA/00925 - BLAP No: 2523

ELKO 1064 Lamelle Hwy Eller, Nevada 89801 let (775) 777-0033 lex (775) 777-0033 SPA LAS ID: NV00026

Complete

LAS VEGAS 9230 Polerie Ave. Suite 4 Las Vegas, Neveda 93102 tel (702) 475-6690 fex (702) 622-2868 EPA LAB ID: NV06932

12/1/2014





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Weck Laboratories, Inc.

Weck Analytical Environmental Services

14859 East Clark Avenue City of Industry, CA 91745

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1132

Expiration Date: 03/31/2016

Effective Date: 04/01/2014

Richmond, California subject to forfeiture or revocation

David Mazzera, Ph.D., Assistant Division Chief

Analytical Laboratory Service - Since 1964

Certificate of Analysis

Report Date: 10/31/14 12:34 **Received Date:** 10/14/14 12:15

Client: Water Investigations

848 N. Rainbow Blvd., #122 Las Vegas, NV 89107 **Turnaround Time: Normal**

Phone:

Personal Privacy 6

Attn: Personal Privacy 6

Project: Drinking water

Fax: P.O.#:

Dear Jack Rosen:

Enclosed are the results of analyses for samples received 10/14/2014 with the Chain of Custody document. The samples were received in good condition, at 1.0 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Work Order No: 4J14041-01 Sampled by: Personal Privacy 6		ID: #61 Vela ampled: 10/			atrix: Wate ple Note:	er e				
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analys	Batch
Arsenic, Total	54	.	ا/ون	0.40	1	EPA 200.8	10/23/14 11:46	10/24/14 16:01	πi	W4J1182
Work Order No: 4J14041-02 Sampled by:		D: #58 Mats ampled: 10/			x: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dij	Method	Prepared	Analyzed	Analyst	Batch
enic, Total	150		ug/l	0.40	1	EPA 200.8	10/23/14 11:46	10/24/14 16:05	nt	W4J1182
Order No.: 4-14841-03 Sampled by:		D: #29 Davi ampled: 10/1	id Matthiesen 13/14 11:00	Sam	Matrix ple Note:	c: Water				
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	20		ا/وں	0.40	1	EPA 200.8	10/23/14 11:46	10/24/14 16:09	ni	W4J1182
Work Order No: 4J14041-04 Sampled by: Personal Privacy 6		D: #11 Haw ampled: 10/1			: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	79		ug/l	0.40	1	EPA 200.8	10/23/14 11:46	10/24/14 16:14	пt	W4J 1182
Work Order No: 4J14041-05 Sampled by: Client		D: #30 Carr ampled: 10/1			x: Water ole Note:					
Analyte	Result	Qualifier	Units	RL	DH	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	5.5		ug/l	0.40	1	EPA 200.8	10/23/14 11:46	10/24/14 16:18	пĺ	W4J1182
Work Order No: 4.114041-06 Sampled by: Personal Pursoy's		D: #11 Haw impled: 10/1			: Water ole Note:					
Analyte	Result	Qualifier	Units	RL	Dii	Method	Prepared	Analyzed	Analyst	Batch
Jranium Rad	12		pCī/L	0.13	1	EPA 200.8	10/23/14 11:51	10/24/14 17:23	nt	W4J1183
Work Order No: 4J14041-07 Sampled by: Personal Privacy 6		D: #11 Hawe impled: 10/1			Water ole Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
-	ND									

Case Narrative:

Lab#: 4J14041-07

Page 1 of 2





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

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Certificate No.: 1132

Expiration Date: 03/31/2016

Effective Date: 04/01/2014

Richmond, California subject to forfeiture or revocation

David Mazzera, Ph.D., Assistant Division Chief



Certificate of Analysis

Analytical Laboratory Service - Since 1964

Report Date: 09/09/14 08:37

Received Date: 08/28/14 13:32

Turnaround Time: Normal

Phone: Personal Privacy 6

Fax:

P.O.#:

Client: Water Investigations

848 N. Rainbow Blvd., #122 Las Vegas, NV 89107

Attn: Personal Privacy 6

Project:

Dear Jack Rosen :

Enclosed are the results of analyses for samples received 8/28/2014 with the Chain of Custody document. The samples were received in good condition, at 4.9 °C. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Work Order No: 4H28040-01 Sampled by: Personal Privacy 6		D: Chromio mpled: 08/	um (VI) #7 27/14 16:20	Sam	Matrix: W ple Note:	fater				
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Chromium 6+	1.9		1/وی	0.30	1	EPA 218.6	09/03/14 10:00	09/03/14 15:37	cwh	W4I0098
Work Order No: 4H28040-02 Sampled by: Personal Privacy 6		D: Uranium mpled: 08/	n #7 27/14 11:10		x: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Uranium, Total	8.5		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 14:40	щ	W4I0209
Work Order No: 4H28040-03 Sampled by: Personal Privacy 6		0: Uranium mpled: 08/2	n #19 27/14 11:30	,	rix: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Uranium, Total	49		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 14:42	щ	W4I0209
Work Order No: 4H28040-04 Sampled by: Personal Privacy 6): Uranium mpied: 08/2	n #38 27/14 11:50		rix: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Aпalyzed	Analyst	Batch
Uranium, Total	17		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 14:45	щ	W4I0209
Work Order No: 4H28040-05 Sampled by: Personal Privacy 6): Uranium mpled: 08/2	#39 27/14 12:15		rix: Water ole Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Uranium, Total	16		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 14:47	m;	W4I0209
Work Order No: 4H28040-06 Sampled by: Personal Privacy 6): Uranium mp le d: 08/2	#28 27/14 12:35		ix: Water ole Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Anaiyzed	Analyst	Batch
Uranium, Total	19		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 14:59	пt	W4I0209
Work Order No: 4H28040-07 Sampled by: Personal Privacy 6): Uranium npled: 08/2	•		ix: Water ole Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Uranium, Total	30		Ид/	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 15:14	пt	W4I0209

Lab#: 4H28040-09

Page 1 of 2





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

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Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1132

Expiration Date: 03/31/2016

Effective Date: 04/01/2014

Richmond, California subject to forfeiture or revocation

David Mazzera, Ph.D., Assistant Division Chief



Certificate of Analysis

Report Date: 10/31/14 12:34 Received Date: 10/14/14 12:15

Turnaround Time: Normal

Phone: Personal Privacy 6

Fax:

P.O.#:

Client: Water Investigations

848 N. Rainbow Blvd., #122 Las Vegas, NV 89107

Attn:

Project: Drinking water

Dear Jack Rosen:

Enclosed are the results of analyses for samples received 10/14/2014 with the Chain of Custody document. The samples were received in good condition, at 1.0 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Work Order No: 4J14041-01 Sampled by: Personal Privacy 6		D: #61 Veia ampled: 10/1			ttrix: Wate ple Note:	r				
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	54		ug/t	0.40	1	EPA 200.8	10/23/14 11:46	10/24/14 16:01	щ	W4J1182
Work Order No: 4J14041-02 Sampled by: Personal Privacy 6		D: #58 Mats ampled: 10/1			c: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
enic, Total	150		ug/l	0.40	1	EPA 200.8	10/23/14 11:46	10/24/14 16:05	nt	W4J1182
vork Order No: 4J14041-03 Sampled by: Personal Privacy 6		D: #29 Davi ampled: 10/1	d Matthiesen 13/14 11:00	Sam	Matrix ple Note:	: Water				
Analyte	Result	Qualifier	Units	RL.	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total			ug/l	0.40	1	EPA 200.8	10/23/14 11:46	10/24/14 16:09	m	W4J1182
Work Order No: 4J14041-04 Sampled by: Personal Privacy 6		D: #11 Haw ampled: 10/1			: Water ole Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	
Arsenic, Total	79		ug/l	0.40	1	EPA 200.8	10/23/14 11:46	10/24/14 16:14	пl	W4J1182
Work Order No: 4J14041-05 Sampled by: Client		D: #30 Carr impled: 10/1			x: Water ole Note:					
Analyte	Result	Qualifier	Units	RL	Dii	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	5.5		ug/f	0.40	1 .	EPA 200.8	10/23/14 11:46	10/24/14 16:18	mi	W4J1182
Work Order No: 4J14041-06 Sampled by: Personal Privacy 6		D: #11 Hawe impled: 10/1			Water ole Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Jranium Rad	12		pCi/L	0.13	1	EPA 200.8	10/23/14 11:51	10/24/14 17:23	rrl	W4J1183
Work Order No: 4/14041-07 Sampled by: Personal Privacy 8		D: #11 Hawe impled: 10/1			Water le Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Chromium 6+				0.30	1	EPA 218.6	10/16/14 09:50	10/16/14 19:38		W4J0792

Case Narrative:

4J14041-07

Page 1 of 2





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

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Certificate No.: 1132

Expiration Date: 03/31/2016

Effective Date: 04/01/2014

Richmond, California subject to forfeiture or revocation

David Mazzera, Ph.D., Assistant Division Chief

Phone: Personal Privacy 6

Analytical Laboratory Service - Since 1964

Certificate of Analysis

Report Date: 10/20/14 14:06 Received Date: 10/07/14 12:50

Turnaround Time: 6 workdays

Fax:

P.O.#:

Client: Water Investigations

848 N. Rainbow Blvd., #122 Las Vegas, NV 89107

Project: Arsenic Testing

Dear Jack Rosen:

Enclosed are the results of analyses for samples received 10/7/2014 with the Chain of Custody document. The samples were received in good condition, at 1.3 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Work Order No: 4,107046-01 Sampled by: Personal Privacy 6		iD: #16 Bro Sampled: 10/			c: Water ple Note:	Con	Tinue-	- see Pa	362	2
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analys	Batch
Arsenic, Total	120)	ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:03	rri	W4J0456
Work Order No: 4J07046-02 Sampled by: Personal Privacy 6		ID: Ken Nitz ampled: 10/			Water ple Note:					
Analyte	Result	Qualifier	Units	RL.	Dil	Method	Prepared	Analyzed	Analyst	Batch
enic, Total	76	3	ug/f	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:08	ដា	W4J0456
cork Order No: 4J07046-03 Sampled by: Personal Privacy 6		ID: #39 Jen ampled: 10/			ix: Water ple Note:					
Analyte	Result	Qualifier	Units	RL.	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	3.9)	ug/1	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:12	m	W4J0456
Work Order No: 4J07046-04 Sampled by: Personal Privacy 6		ID: #13 Cor ampled: 10/			: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	
Arsenic, Total	4.8	;	ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:29	щ	W4J0456
Work Order No: 4J07046-05 Sampled by: Personal Privacy 6		D: #28 Cha ampled: 10/0	ries Matthies)4/14 14:30		Mat ole Note:	rix: Water				
Analyte .	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	210		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:34	rri	W4J0456
Work Order No: 4J07046-06 Sampled by: Personal Privacy 6		D: #37 Ran ampled: 10/0			ix: Water ole Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	11		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:38	, tul	W4J 0456
Work Order No: 4J07046-07 Sampled by: Personal Privacy 6		D: #51 Reb ampled: 10/0			rix: Water ole Note:					
								-		
Anaiyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch

4307046-08

Analytical Laboratory Service - Since 1964

Certificate of Analysis

rk Order No: 4J07046-08

Sampled by:

Sample ID: #57 Ornelas Sampled: 10/04/14 12:10

Matrix: Water Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	140		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 16:00	πl	W4J0456

Case Narrative:

Authorized Signature

Contact: Kim G Tu (Project Manager)









LACSD # 10143 NELAC # 04229CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Weck Laboratories certifies that the test results meet all requirements of NELAC unless noted in the Case Narrative. This analytical report must be reproduced in its entirety.

Notes:

The Chain of Custody document is part of the analytical report.

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance. All results are expressed on wet weight basis unless otherwise specified.

AND = NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL) = Not Reportable

ub = Subcontracted analysis, original report enclosed.

An Absence of Total Coliform meets the drinking water standards as established by the State of California Department of Health Services. The Reporting Limit (RL) is referenced as laboratory's Practical Quantitation Limit (PQL). For Potable water analysis, the Reporting Limit (RL) is referenced as Detection Limit for reporting purposes (DLRs) defined by EPA.

If sample collected by Weck Laboratories, sampled in accordance to lab SOP MIS002

4J07046-08





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

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Certificate No.: 1132

Expiration Date: 03/31/2016

Effective Date: 04/01/2014

Richmond, California subject to forfeiture or revocation

Western Environmental Testing Laboratory Analytical Report

Contaminated Realty

848 N. Rainbow Blvd. #1422

Las Vegas, NV 89107

Atm: Personal Privacy 6

Phone: (702) 301-4167 Fax:

PO\Project: 31411074/TOSIC TORT TOWNS

Date Printed:

12/5/2014

OrderID:

1411453

PO\Project: 31411	074/TOSIC TO	RI IOWNS						
Customer Sample ID:	Personal Privacy 6				Collect	Date/Tim	se: 11/13/2014	13:05
WETLAB Sample ID:	1411453-001	I			R	eceive Da	te: 11/17/2014	15:00
Analyte		Method	Results	Units	DF	RL	Analyzed	LabID
Trace Metals by ICP-N	4S							
Arsenic		EPA 200.8	57	μg/L	1	1.0	12/1/2014	NV00925
Sample Preparation								
Trace Metals Digestion		EPA 200.2	Complete		1		12/1/2014	NV00925
Customer Sample ID:	Personal	Privacy 6			Collect	Date/Tim	e: 11/13/2014	13:30
WETLAB Sample ID:	1411453-002				Re	eceive Dat	e: 11/17/2014	15:00
Analyte		Method	Results	Units	DF	RL	Analyzed	LabID
Trace Metals by ICP-M	<u>is</u>							
Arsenic		EPA 200.8	46	μg/L	1	1.0	12/1/2014	NV00925
Sample Preparation						,		
Trace Metals Digestion		EPA 200.2	Complete		1		12/1/2014	NV00925
Customer Sample ID:	Personal Privacy 6				Collect	Date/Time	: 11/13/2014 1	4:00
WETLAB Sample ID:	1411453-003				Re	ceive Date	± 11/17/2014 1	5:00
Analyte		Method	Results	Units	DF	RL	Analyzed	LabID
Trace Metals by ICP-M	<u>s</u>							
Arsenic		EPA 200.8	9.8	μ g/L	1	1.0	12/1/2014	NV00925
Sample Preparation					,			
Trace Metals Digestion		EPA 200.2	Complete		1		12/1/2014	NV00925
Customer Sample ID:	Personal Privac	y 6			Collect I	ate/Time	: 11/13/2014 15	5:00
WETLAB Sample ID:	1411453-004				Rec	eive Date:	: 11/17/2014 15	5:00
Analyte		Method	Results	Units	DF	RL	Analyzed	LabID
Trace Metals by ICP-MS	3							
Arsenic		EPA 200.8	19	μg/L	1	1.0	12/1/2014	NV00925
Sample Preparation								

DF=Dilution Factor, RL=Reporting Limit, ND=Not Detected or <RL

Page 3 of 5

SPARIES
475.E. Grap Street, Saine 179
Sparie, Newscale 89451
144(475) 855-8202
154(475) 855-8207
EPA LAB 10: W/100925 - ELAP No: 2523

ELKO 1064 Lamelio Hery Silvo, Nevada 89801 tel (775) 777-9833 EPA LAS ID: NVISSEE LAS VEGAS
3250 Potents Ava. Suito 4
Las Vegas, Néverda 195102
tel (702) 475-6989
10x (702) 622-2989
EPALAS EX NIVOS932





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David Mazzera, Ph.D., Assistant Division Chief

Western Environmental Testing Laboratory Analytical Report

Contaminated Realty

848 N. Rainbow Blvd. #1422

Las Vegas, NV 89107

Attn: Personal Privacy 6

Phone: (702) 301-4167 Fax:

PO\Project: 31411074/TOSIC TORT TOWNS

Date Printed:

12/5/2014

OrderID:

1411453

Customer Sample ID: WETLAB Sample ID: 1411453-001

Collect Date/Time: 11/13/2014 13:05

Receive Date: 11/17/2014 15:00

Analyte	Method	Results I	Units	DF	RL	Analyzed	LabID
Trace Metals by ICP-MS							
Arsenic	EPA 200.8	57 p	ıg/L	1	1.0	12/1/2014	NV00925
Sample Preparation							
Trace Metals Digestion	EPA 200.2	Complete		1		12/1/2014	NV00925

Customer Sample ID:

Personal Privacy 6

Collect Date/Time: 11/13/2014 13:30

WETLAB Sample ID:

1411453-002

Receive Date: 11/17/2014 15:00

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
Trace Metals by ICP-MS							
Arsenic	EPA 200.8	. 46	μg/L	1	1.0	12/1/2014	NV00925
Sample Preparation							
Trace Metals Digestion	EPA 200.2	Complete		1		12/1/2014	NV00925

Customer Sample ID: WETLAB Sample ID: Personal Privacy 6 1411453-003 Collect Date/Time: 11/13/2014 14:00

Receive Date: 11/17/2014 15:00

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
Trace Metals by ICP-MS							
Arsenic	EPA 200.8	9.8	μg/L	1	1.0	12/1/2014	NV00925
Sample Preparation							
Trace Metals Digestion	EPA 200.2	Complete		1		12/1/2014	NV00925

Customer Sample ID:

Personal Privacy 6

Collect Date/Time: 11/13/2014 15:00

1411452 004

D----- D-4-- 11/17/2014 16:00

WEILAS Sample ID: 14114	153-004		·	Re	cerve Date	: 11/1//2014 13	:00
Analyte	. Method	Results	Units	DF	RL	Analyzed	LabID
Trace Metals by ICP-MS							
Arsenic	EPA 200.8	19	μg/L	1	1.0	12/1/2014	NV00925
Sample Preparation							
Trace Metals Digestion	EPA 200.2	Complete	•	1		12/1/2014	NV00925

DF=Dilution Factor, RL=Reporting Limit, ND=Not Detected or <RL

Page 3 of 5

D: NA/00925 - ELAP No: 2523

ELKO

LAS VEGAS Les Vegas, Neverte 65102 tel (702) 475-6566 fox (705) 622-2568 EPALAS 62-11/06952





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Weck Laboratories, Inc.

Weck Analytical Environmental Services

14859 East Clark Avenue City of Industry, CA 91745

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1132

Expiration Date: 03/31/2016

Effective Date: 04/01/2014

Richmond, California subject to forfeiture or revocation David Mazzera, Ph.D., Assistant Division Chief

Certificate of Analysis

Analytical Laboratory Service - Since 1964

Report Date: 09/23/14 15:37 **Received Date:** 09/04/14 12:07

Turnaround Time: Normal

Phone: Personal Privacy 6

Fax:

P.O.#:

Client: Water Investigations

848 N. Rainbow Blvd., #122 Las Vegas, NV 89107

Attn: Personal Privacy 6

Project:

Dear Jack Rosen:

Enclosed are the results of analyses for samples received 9/4/2014 with the Chain of Custody document. The samples were received in good condition, at 2.9 °C. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Work Order No: 4104036-01 Sample ID: #1 (Chromium6) Matrix: Water Sampled: 09/03/14 17:50 Sampled by: Jack Rosen Sample Note: Units Analyst Batch Qualifier RI Dil Method **Analyzed** Prepared Analyte Result 09/10/14 13:36 W4I0499 EPA 218.6 09/10/14 10:50 cwh 0.30 Chromium 6+ ug/l Work Order No: 4104036-02 Sample ID: #2 (Chromium6) Matrix: Water Sampled by: Personal Privacy 6 Sampled: 09/03/14 16:50 Sample Note: Units Qualifier RL Dii Method Analyzed Analyst Batch Result Prepared Analyte 09/10/14 10:50 09/10/14 13:36 W410499 0.49 0.30 EPA 218.6 Chromium 6+ Work Order No: 4104036-03 Sample ID: #3 (Chromium6) Matrix: Water Sampled: 09/03/14 18:20 Sampled by: Sample Note: Units Batch Analyst Result Qualifier RL Dil Method Prepared Analyzed Analyte 09/10/14 10:50 09/10/14 13:36 W4I0499 **EPA 218.6** cwh Chromium 6+ NΠ 0.30 1 uq/l Sample ID: #39 (Chromium6) Matrix: Water Work Order No: 4l04036-04 Sampled by: Personal Privacy 6 Sampled: 09/03/14 15:55 Sample Note: Units Analyzed Analyst Batch Result Qualifier RL. Dil Method Prepared Analyte 0.30 FPA 218.6 09/10/14 10:50 09/10/14 13:36 cwh W410499 Chromium 6+..... ... ND Work Order No: 4104036-05 Sample ID: #1 Arsenic(Arsenic) Matrix: Water Sampled by: Personal Privacy 6 Sampled: 09/03/14 18:10 Sample Note: Units Analyzed Analyst Batch Qualifier RI Dil Method Prepared Result Analyte 09/15/14 08:51 09/15/14 19:18 W410722 FPA 200.8 2500 0.80 Arsenic, Total Work Order No: 4104036-06 Sample ID: #2 Arsenic(Arsenic) Matrix: Water Sampled: 09/03/14 17:15 Sampled by: Sample Note: Units Analyzed Batch Analyst Analyte Result Qualifier RL. Dil Method Prepared 09/15/14 08:51 09/15/14 19:22 W4I0722 EPA 200.8 0.40 Arsenic, Total ug/l Matrix: Water Work Order No: 4104036-07 Sample ID: #12 (Uranium) Sampled by: Personal Privacy 6 Sampled: 09/03/14 09:30 Sample Note: Units Qualifier Dil Method **Analyzed** Analyst Result RL Prepared Analyte EPA 200.8 09/15/14 08:51 09/15/14 19:31 щ W4I1203 0.13 1 Uranium Rad. 10 pCi/L

Lab#: 4104036-08

Page 1 of 2



Analytical Laboratory Service - Since 1964

Certificate of Analysis

Work Order No: 4104036-08 Sampled by: Personal Privacy 6 Sample ID: #14 (Uranium) Sampled: 09/03/14 10:10 Matrix: Water Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Uranium Rad	12		pCi/L	0.13	1	EPA 200.8	09/15/14 08:51	09/15/14 19:26	щ	W4I1203

Case Narrative:

Authorized Signature

Contact: Kim G Tu (Project Manager)









ELAP # 1132 LACSD # 10143 NELAC # 04229CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Weck Laboratories certifies that the test results meet all requirements of NELAC unless noted in the Case Narrative. This analytical report must be reproduced in its entirety.

Notes:

The Chain of Custody document is part of the analytical report.

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance. All results are expressed on wet weight basis unless otherwise specified.

ND = NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL)

NR = Not Reportable

NR = Not Reportable

Sub = Subcontracted analysis, original report enclosed.

An Absence of Total Coliform meets the drinking water standards as established by the State of California Department of Health Services .

The Reporting Limit (RL) is referenced as laboratory's Practical Quantitation Limit (PQL).

For Potable water analysis, the Reporting Limit (RL) is referenced as Detection Limit for reporting purposes (DLRs) defined by EPA.

If sample collected by Weck Laboratories, sampled in accordance to lab SOP MIS002





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

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Weck Laboratories, Inc.

Weck Analytical Environmental Services

14859 East Clark Avenue City of Industry, CA 91745

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Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1132

Expiration Date: 03/31/2016

Effective Date: 04/01/2014

Richmond, California subject to forfeiture or revocation

David Mazzera, Ph.D., Assistant Division Chief



Certificate of Analysis

Analytical Laboratory Service - Since 1964

Report Date: 09/09/14 08:37 Received Date: 08/28/14 13:32

Client: Water Investigations

848 N. Rainbow Blvd., #122 Las Vegas, NV 89107

Turnaround Time: Normal

Phone:

Personal Privacy 6

Fax:

Attn: Personal Privacy 6

Project:

P.O.#:

Dear Jack Rosen:

Enclosed are the results of analyses for samples received 8/28/2014 with the Chain of Custody document. The samples were received in good condition, at 4.9 °C. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Work Order No: 4H28040-01 Sampled by: Personal Privacy 6		D: Chromi ampled: 08/	um (VI) #7 27/14 16:20	Sam	Matrix: V ple Note:	Vater				
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Chromium 6+	1.9		ug/l	0.30	1	EPA 218.6	09/03/14 10:00	09/03/14 15:37	cwh	W410098
Work Order No: 4H28040-02 Sampled by: Personal Privacy 6		D: Uraniun impled: 08/			x: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Uranium, Total	8.5		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 14:40	гd	W410209
Work Order No: 4H28040-03 Sampled by: Personal Privacy 6		D: Uraniun impled: 08/			rix: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Uranium, Total	49		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 14:42	пl	W410209
Work Order No: 4H28040-04 Sampled by: Personal Privacy 6		D: Uranium impled: 08/2			rix: Water ple Note:		ı			
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Uranium, Total	17		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 14:45	щ	W410209
Work Order No: 4H28040-05 Sampled by: Personal Privacy 6		D: Uranium mpled: 08/2			rix: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Uranium, Total	16		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 14:47	щ	W410209
Work Order No: 4H28040-06 Sampled by: Personal Privacy 6		D: Uranium mpled: 08/2			rix: Water ole Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Uranium, Total	19		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 14:59	щ	W410209
Work Order No: 4H28040-07 Sampled by: Personal Privacy 6		D: Uranium mpled: 08/2			ix: Water ole Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Uranium, Total	30		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 15:14	•	W410209

4H28040-09 Lab#:

Page 1 of 2

Analytical Laboratory Service - Since 1964

Certificate of Analysis

Work Order No: 4H28040-08 Sampled by: Personal Privacy 6 Sample ID: Uranium #20 Sampled: 08/27/14 13:30 Matrix: Water Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Uranium, Total	28		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 14:52	ml	W410209

Work Order No: 4H28040-09 Sampled by: Personal Privacy 6 Sample ID: Uranium #8 Sampled: 08/27/14 14:20 Matrix: Water Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Uranium, Total	120		ug/l	0.20	1	EPA 200.8	09/04/14 12:13	09/08/14 14:54	щ	W4I0209

Case Narrative:

ga hillian

Authorized Signature

Contact: Jim Gibbons (Project Manager)









ELAP # 1132 LACSD # 10143 NELAC # 04229CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Weck Laboratories certifies that the test results meet all requirements of NELAC unless noted in the Case Narrative. This analytical report must be reproduced in its entirety.

Notes:

The Chain of Custody document is part of the analytical report.

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance. All results are expressed on wet weight basis unless otherwise specified.

ND = NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL)

NR = Not Reportable

Sub = Subcontracted analysis, original report enclosed.

An Absence of Total Coliform meets the drinking water standards as established by the State of California Department of Health Services .

The Reporting Limit (RL) is referenced as laboratory's Practical Quantitation Limit (PQL).

For Potable water analysis, the Reporting Limit (RL) is referenced as Detection Limit for reporting purposes (DLRs) defined by EPA.

If sample collected by Weck Laboratories, sampled in accordance to lab SOP MIS002

Flags for Data Qualifiers:

MS-05 = THE sprike recovery and/or RPD were outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

Lab#: 4H28040-09

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ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Clinical Laboratory of San Bernardino, Inc.

21881 Barton Road

Grand Terrace, CA 92313

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

> This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1088

Expiration Date: 01/31/2016

Effective Date: 02/01/2014

Richmond, California subject to forfeiture or revocation David Mazzera, Ph.D., Assistant Division Chief





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

GERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Clinical Laboratory of San Bernardino II

Lompoc Office

516-A North Eighth Street Lompoc, GA 93436

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of one site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1678

Expiration Date: 12/31/2015

Effective Date: 01/01/2014

Richmond, California subject to forfeithire or revocation

David Mazzera, Ph.D. Assistant Division Chief





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

Geo-Monitor, Inc

17152 Darwin Avenue Hesperia, CA 92345

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion bf-on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 2691

Expiration Date: 06/30/2014

Effective Date: 07/01/2012

Richmond, California subject to forfeiture or revocation

David Mazzera, Ph.D., Assistant Division Chief Division of Drinking Water and Environmental Management

Clinical Laboratory of San Bernardino, Inc.



Callahan & Blaine

Project: Drinking Water

Work Order: 13H1419

3 Hutton Centre Drive, Ninth Floor

Sub Project: Irving

Received: 08/16/13 11:55

Santa Ana CA, 92707

Project Manager: Personal Privacy 6

Reported: 09/03/13

Irving		13H1419	-01 (Wate	er)	Sample	Date: 08	3/16/13 8:0	00 Sampl	er: Personal	Privacy 6
Analyte	Method	Result	Units	Rep. Limit	MDL	MCL	Prepared	Analyzed	Batch	Qualifier
Metals.										
Arsenic (As)	SM3113-B	30	ug/L	2.0	0.68	10	08/22/13	08/22/13	1334349	
Chromium (+6)	EPA 218.6	1.3	ug/L	1.0	0.14		08/16/13	08/19/13	1334014	
Radiochemistry Analyses										
Gross Beta	EPA 900.0	15	pCi/L	4.0		50	08/19/13	08/26/13	1330379	
Gross Beta Counting Error	EPA 900.0	3.2	pCi/L				08/19/13	08/26/13	1330379	
Gross Beta Min Det Activity	EPA 900.0	2.2	pCi/L				08/19/13	08/26/13	1330379	
Uranium	EPA 908.0	70	pCi/L	1.0		20	08/20/13	08/20/13	1333313	
Uranium Counting Error	EPA 908.0	3.5	pCi/L				08/20/13	08/20/13	1333313	
Uranium Min Det Activity	EPA 908.0	0.88	pCi/L				08/20/13	08/20/13	1333313	

Detected below the Reporting Limit; reported concentration is estimated; (J-Flag)

ND Analyte NOT DETECTED at or above the MDL; Method Detection Limit

Robin Glenney Project Manager EXHIBITY A-E ANNETTE AII





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Western Environmental Testing Laboratory

475 East Greg Street, # 119 Sparks, NV 89431

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Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 2523

Expiration Date: 11/30/2016

Effective Date: 12/1/2014

Richmond, California subject to forfeiture or revocation

Christine Sotelo, Chief

Environmental Laboratory Accreditation Program

1412321

Amended



Specializing in Soil, Hazardous Waste and Water Analysis

OrderID:

1/7/2015

Contaminated Realty 848 N. Rainbow Blvd. #1422

Las Vegas, NV 89107 Attn:

Personal Privacy 6

Dear: Personal Privacy 6

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, online edition, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 12/9/2014. Additional comments are located on page 2 of this report.

This is an amended report that includes corrected sample IDs as requested by the client. If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Jennifer Delaney

QA Specialist

Western Environmental Testing Laboratory Report Comments

Contaminated Realty - 1412321 Amended

General Comments

This is an amended report with various Sample IDs corrected.

Specific Comments

The matrix spike/matrix spike duplicate (MS/MSD) values for the analysis of Arsenic on sample 1412321-021 were outside laboratory acceptance criteria; however, the relative percent difference (RPD) value was acceptable, indicating probable matrix interference. The reported result should be considered an estimate.

Per method recommendation (section 4.4), Samples analyzed by methods EPA 300.0 and EPA 300.1 have been filtered prior to analysis.

Report Legend

В	-	Blank contamination; Analyte detected above the method reporting limit in an associated blank
HT	_	Sample analyzed beyond the accepted holding time
J	-	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
M	-	Reported value is estimated; The sample matrix interfered with the analysis
N	_	There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
NÇ		Not calculated due to matrix interference
Q	_	Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
S		Surrogate recovery was outside of laboratory acceptance limits due to matrix interference. The associated blank and LCS surrogate recovery was within acceptance limits
SC	-	Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered
U		The analyte was analyzed for, but was not detected above the level of the reported sample reporting/quantitation limit

Western Environmental Testing Laboratory **QC** Report

QCBatchID QCType	Parameter	Method	Result	Units		
QC14121247 Blank 1	Arsenic	EPA 200.8	ND	μg/L		
QC14121249 Blank 1	Arsenic	EPA 200.8	ND	μg/L		
QC14121250 Blank 1	Arsenic	EPA 200.8	ND	μg/L		
QCBatchID QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC14121247 LCS 1	Arsenic	EPA 200.8	50.6	50.0	101	μg/L
QC14121249 LCS 1	Arsenic	EPA 200.8	50.6	50.0	101	μg/L

QCBatch		QCType	Parameter	Method	Spike Sample	Sample Result		MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC14121	1247	MS 1	Arsenic	EPA 200.8	1412321-001	44.0		92.8	89.9	50.0	μg/L	98	92	3%
QC14121	1249	MS 1	Arsenic	EPA 200.8	1412321-011	20.7		69.3	66.5	50.0	μg/L	97	92	4%
QC14121	250	MS 1	Arsenic	EPA 200.8	1412321-021	30.2	M	61.4	63.8	50.0	μg/L	NC	NC	NC

Customer Sample ID: WETLAB Sample ID: Personal Privacy 6

1412321-023

Collect Date/Time: 12/7/2014 13:00

Receive Date: 12/9/2014 13:30

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
Trace Metals by ICP-MS							
Arsenic	EPA 200.8	620	μg/L	10	10	12/23/2014	NV00925
Sample Preparation							
Trace Metals Digestion	EPA 200.2	Complete		1		12/18/2014	NV00925

Customer Sample ID: WETLAB Sample ID:

1412321-024

Collect Date/Time: 12/7/2014 14:00

Receive Date: 12/9/2014 13:30

-							
Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
Trace Metals by ICP-MS							
Arsenic	EPA 200.8	13	μg/L	1	1.0	12/23/2014	NV00925
Sample Preparation							
Trace Metals Digestion	EPA 200.2	Complete		1		12/18/2014	NV00925

DF=Dilution Factor, RL=Reporting Limit, ND=Not Detected or <RL

SPARKS

475 E. Greg Street, Suite 119 Sparks, Nevada 59431 tel (775) 355-0202 fax (775) 365-0817 EPA LAB ID: NV00926 - ELAP No: 2523

ELKO 1084 Lamošte Hwy Elko, Nevada 89801 tel (775) 777-9933 fax (775) 777-9933 EPA LAB ID: NV00926

LAS VEGAS 3230 Polaris Ave. Suite 4 Les Vegas, Nevada 89102 tel (702) 475-8899 fax (702) 622-2868 EPA LAB ID: NV00932





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

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Certificate No.: 2523

Expiration Date: 11/30/2016

Effective Date: 12/1/2014

Richmond, California subject to forfeiture or revocation

Christine Sotelo, Chief

Environmental Laboratory Accreditation Program

1412761



Specializing in Soil, Hazardous Waste and Water Analysis

OrderID:

1/8/2015

Contaminated Realty 848 N. Rainbow Blvd. #1422

Las Vegas, NV 89107

Attn:

Personal Privacy 6

Dear: Personal Privacy 6

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, online edition, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 12/23/2014. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith

QA Manager

Western Environmental Testing Laboratory Report Comments

Contaminated Realty - 1412761

General Comments

None

Specific Comments

None

Per method recommendation (section 4.4), Samples analyzed by methods EPA 300.0 and EPA 300.1 have been filtered prior to analysis.

Report Legend

	_	
В		Blank contamination; Analyte detected above the method reporting limit in an associated blank
HT	-	Sample analyzed beyond the accepted holding time
J		The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
M		Reported value is estimated; The sample matrix interfered with the analysis
N	_	There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
NC	_	Not calculated due to matrix interference
Q	_	Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
S	-	Surrogate recovery was outside of laboratory acceptance limits due to matrix interference. The associated blank and LCS surrogate recovery was within acceptance limits
SC		Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered
U	-	The analyte was analyzed for, but was not detected above the level of the reported sample reporting/quantitation limit

Western Environmental Testing Laboratory QC Report

QCBatchID QCType	Parameter	Me	thod	Result	Units						
QC15010189 Blank 1	Arsenic	EPA	A 200.8	0.0015	mg/L						
QCBatchID QCType	Parameter	Me	thod	Result	Actual	% F	Recovery	Units			
QC15010189 LCS 1	Arsenic	EP/	A 200.8	0.0528	0.050	106		mg/L			
QCBatchID QCType Par	ameter	Method	Spike Sample	Sample Result	MS Result	MSD Resul	Spike t Value		MS % Rec.	MSD % Rec.	RPD
QC15010189 MS 1 Ars	enic	EPA 200.8	8 1412779-001	ND	0.0536	0.053	6 0.05	0 mg/L	103	103	<1%
Customer Sample ID:	Personal Privacy 6				(Collect D	ate/Time:	12/16/201	4 16:00)	
WETLAB Sample ID:	1412761-002					Rec	eive Date:	12/23/201	4 13:10	3	
Analyte		Method	Results	Units		DF	RL	Analyz	ed 1	LabÍD	
Trace Metals by ICP-MS Arsenic Sample Preparation		EPA 200.8	24	μg/L		1	1.0	1/6/201	5 1	NV00925	
Trace Metals Digestion		EPA 200.2	Complete	.		1		1/6/201	5 ì	V00925	ç
Customer Sample ID:	Personal Privac				C	ollect D	ate/Time:	12/16/2014	14:00		
WETLAB Sample ID:	1412761-003					Rece	eive Date:	12/23/2014	13:10		
Analyte		Method	Results	Units		DF	RL	Analyze	ed I	abID	
Trace Metals by ICP-MS			-								
Arsenic		EPA 200.8	740	μ g/ L		1	1.0	1/6/201	5 N	IV00925	
Sample Preparation			•								
Trace Metals Digestion		EPA 200.2	Complete		·	1		1/6/201:	5 1	V00925	
Customer Sample ID: WETLAB Sample ID:	Personal Privacy 6 1412761-004				C			12/16/2014 12/23/2014			
Analyte		Method	Results	Units		DF	RL	Analyze	ed I	abID	
Trace Metals by ICP-MS											

37

Complete

μg/L

DF=Dilution Factor, RL=Reporting Limit, ND=Not Detected or <RL

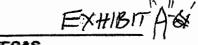
EPA 200.8

EPA 200.2

Arsenic

Sample Preparation

Trace Metals Digestion



NV00925

NV00925

1/6/2015

1/6/2015

1.0

1





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Weck Laboratories, Inc.

Weck Analytical Environmental Services

14859 East Clark Avenue City of Industry, CA 91745

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1132

Expiration Date: 03/31/2016

Effective Date: 04/01/2014

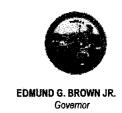
Richmond, California subject to forfeiture or revocation

David Mazzera, Ph.D., Assistant Division Chief



State of California—Health and Human Services Agency

California Department of Public Health



March 3, 2014

Alfredo Pierri Weck Laboratories, Inc. 14859 East Clark Avenue City of Industry, CA 91745

Dear Alfredo Pierri:

Certificate No. 1132

This is to advise you that the laboratory named above continues to be certified as an environmental testing laboratory pursuant to the provisions of the Health and Safety Code (HSC), Division 101, Part 1, Chapter 4, Section 100825, et seq. Certification for all currently certified Fields of Testing that the laboratory has applied for renewal shall remain in effect until 03/31/2016 unless it is revoked.

Please note that the renewal application for certification is subject to an on-site process, and the continued use of this certificate is contingent upon:

- * successful completion of the on-site process;
- * acceptable performance in the required proficiency testing (PT) studies;
- * timely payment of all fees, including an annual fee due before March 31, 2015;
- * compliance with Environmental Laboratory Accreditation Program Branch (ELAPB); statutes (HSC, Section 100825, et seq.) and Regulations (California Code of Regulations (CCR), Title 22, Division 4, Chapter 19).

An updated certificate of the "Fields of Testing" will be issued to the laboratory upon successful completion of the on-site process.

The application for the renewal of this certificate must be received before the expiration date to remain in force according to the HSC100845(a).

Please note that the laboratory is required to notify ELAPB of any major changes in the laboratory such as the transfer of ownership, change of laboratory director, change in location, or structural alterations which may affect adversely the quality of analyses (HSC, Section 100845(b)(d)). Please include the above certificate number in all your correspondence with ELAPB.

If you have any questions, please contact ELAPB at (510) 620-3155.

Sincerely,

David Mazzera, Ph.D., Assistant Division Chief

1 Choshe



CALIFORNIA STATE ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM Accredited Fields of Testing



Weck Laboratories, Inc.

Weck Analytical Environmental Services

14859 East Clark Avenue City of Industry, CA 91745

Phone: (626) 336-2139

Certificate No.:

1132

Renew Date: 3/31/2016

Field of	Testing	g: 101 - Microbiology of Drinking Water	
101.010	001	Heterotrophic Bacteria	SM9215B
101.020	001	Total Coliform	SM9221A,B
101.021	001	Fecal Coliform	SM9221E (MTF/EC)
101.022	001	E. coli	SM9221B,F-2006
101.060	002	Total Coliform	SM9223
101.060	003	E. coli	SM9223
101.120	001	Total Coliform (Enumeration)	SM9221A,B,C
101.130	001	Fecal Coliform (Enumeration)	SM9221E (MTF/EC)
101.160	001	Total Coliform (Enumeration)	SM9223
101.195	001	Heterotrophic Bacteria	SM9215B
101.200	001	E. coli (Enumeration)	SM9223B
101.210	001	E. coli (Enumeration)	SM9221B,F-2006
101.240	001	E. coli (Enumeration)	EPA 1603
101.300	001	. E. coli	SM9223B
101.305	001	E. coli	SM9221 B,C,F-2006
101.307	001	Enterococci	SM9230B
101.310	001	Enterococci	Enterolert
Field of	Testing	: 102 - Inorganic Chemistry of Drinking Water	
102.020	001	Turbidity	EPA 180.1
102.030	001	Bromide	EPA 300.0
102.030	003	Chloride	EPA 300.0
102.030	005	Fluoride	EPA 300.0
102.030	006	Nitrate,	EPA 300.0
102.030	007	Nitrite	EPA 300.0
102.030	010	Sulfate	EPA 300.0
102.040	001	Bromide	EPA 300.1
102.040	002	Chlorite	EPA 300.1
102.040	003-	Chiorate	ĒPÄ 300.1
102.040	004	Bromate	EPA 300.1
102.045	001	Perchlorate	EPA 314.0
102.047	001	Perchlorate	EPA 331.0
102.048	001	Perchlorate	EPA 332.0
102.050	001	Cyanide	EPA 335.4
102.060	001	Nitrate (as N) (Calculation)	EPA 353.2
102.061	001	Nitrite	EPA 353.2
102.070	001	Phosphate, Ortho	EPA 365.1
102.100	001	Alkalinity	SM2320B
102.110	001	Corrosivity (Langlier Index)	SM2330B

Certificate No

1132 Renew Date: 3/31/2016

1	02.120	001	Hardness	SM2340B
1	02.130	001	Conductivity	SM2510B
1	02.140	001	Total Dissolved Solids	SM2540C
1	02.163	001	Chlorine, Free and Total	SM4500-CI G
1	02.180	001	Chlorine Dioxide	SM4500-CIO2 D
- 1	02.190	001	Cyanide, Total	SM4500-CN E
1	02.192	001	Cyanide, amenable	SM4500-CN G
1	02.210	001	Hydrogen Ion (pH)	SM4500-H+B
1	02.261	002	TOC/DOC	SM5310B
1	02.263	002	TOC/DOC	SM5310C
1	02.270	001	Surfactants	SM5540C
1	02.280	001	UV254	SM5910B
1	02.520	001	Calcium	EPA 200.7
્ 1	02.520	002	Magnesium	EPA 200.7
1	02.520	003	Potassium	EPA 200.7
1	02.520	004	Silica	EPA 200.7
1	02.520	005	Sodium	EPA 200.7
1	02.520	006	Hardness (calculation)	EPA 200.7
1	02.546	001	Bromate	EPA 326.0
. 1	02.546	002	Bromide	EPA 326.0
1	02.546	003	Chlorite	EPA 326.0
1	02.551	002	Chlorine, Free, Combined, Total	SM4500-CI G
1	02.555	001	UV254	EPA 415.3
1	02.555	002	Specific UV Absorbance SUVA	EPA 415.3
4	00 555	000	TOCIDOC	EDA 445.2
•	02.555	003	TOC/DOC	EPA 415.3
	02.565		Cyanide	OIA-1677, DW
1	02.565	001	Cyanide	OIA-1677, DW
1 F	02.565 ield of	001 Festing	Cyanide: 103 - Toxic Chemical Elements of Drinking Wa	OIA-1677, DW
1 F 1	02.565 Field of 1	001 Festing 001	Cyanide : 103 - Toxic Chemical Elements of Drinking Wa Aluminum	OIA-1677, DW ater EPA 200.7
1 F 1	02.565 Field of 1 03.130 03.130	001 Festing 001 003	Cyanide : 103 - Toxic Chemical Elements of Drinking Wa Aluminum Banum	OIA-1677, DW ater EPA 200.7 EPA 200.7
1 F 1 1	02.565 ield of 1 03.130 03.130 03.130	001 Festing 001 003 004	Cyanide : 103 - Toxic Chemical Elements of Drinking Wa Aluminum Banum Beryllium	OIA-1677, DW ater EPA 200.7 EPA 200.7 EPA 200.7
1 F 1 1	02.565 Field of 1 03.130 03.130 03.130 03.130	001 Festing 001 003 004 005	Cyanide : 103 - Toxic Chemical Elements of Drinking Wa Aluminum Banum Beryllium Cadmium	OIA-1677, DW ater EPA 200.7 EPA 200.7 EPA 200.7 EPA 200.7
1 1 1 1 1	02.565 Field of 7 03.130 03.130 03.130 03.130	001 Festing 001 003 004 005 007	Cyanide : 103 - Toxic Chemical Elements of Drinking Wa Aluminum Barium Beryllium Cadmium Chromium	OIA-1677, DW ater EPA 200.7 EPA 200.7 EPA 200.7 EPA 200.7 EPA 200.7 EPA 200.7
1 1 1 1 1 1	02.565 Field of 7 03.130 03.130 03.130 03.130 03.130	001 Festing 001 003 004 005 007 008	Cyanide : 103 - Toxic Chemical Elements of Drinking Wa Aluminum Banium Beryllium Cadmium Chromium Copper	OIA-1677, DW ater EPA 200.7 EPA 200.7 EPA 200.7 EPA 200.7 EPA 200.7 EPA 200.7
1 1 1 1 1 1 1	02.565 Field of 1 03.130 03.130 03.130 03.130 03.130 03.130 03.130	001 Festing 001 003 004 005 007 008 009	Cyanide : 103 - Toxic Chemical Elements of Drinking Wa Aluminum Banum Beryllium Cadmium Chromium Copper	OIA-1677, DW ater EPA 200.7
1 F 1 1 1 1 1 1	02.565 Field of 1 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130	001 Festing 001 003 004 005 007 008 009 011	Cyanide : 103 - Toxic Chemical Elements of Drinking Wa Aluminum Banum Beryllium Cadmium Chromium Copper Iron Manganese	OIA-1677, DW ater EPA 200.7
1 F F 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	02.565 Field of 1 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130	001 Festing 001 003 004 005 007 008 009 011 012	Cyanide : 103 - Toxic Chemical Elements of Drinking Wa Aluminum Barium Beryllium Cadmium Chromium Copper Iron Manganese Nickel	OIA-1677, DW ater EPA 200.7
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	02.565 ield of 1 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130	001 Festing 001 003 004 005 007 008 009 011 012 015	Cyanide : 103 - Toxic Chemical Elements of Drinking Wa Aluminum Banium Beryllium Cadmium Chromium Copper Iron Manganese Nickel Silver	OIA-1677, DW ater EPA 200.7
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	02.565 Field of 1 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130	001 Festing 001 003 004 005 007 008 009 011 012 015 017	Cyanide : 103 - Toxic Chemical Elements of Drinking Wa Aluminum Banum Beryllium Cadmium Chromium Copper Iron Manganese Nickel Silver Zinc	OIA-1677, DW ater EPA 200.7
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	02.565 Field of 1 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130	001 Festing 001 003 004 005 007 008 009 011 012 015 017 018	Cyanide : 103 - Toxic Chemical Elements of Drinking Wa Aluminum Barium Beryllium Cadmium Chromium Copper Iron Manganese Nickel Silver Zinc Boron	OIA-1677, DW ater EPA 200.7
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	02.565 Field of 1 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130	001 Festing 001 003 004 005 007 008 009 011 012 015 017 018 001	Cyanide : 103 - Toxic Chemical Elements of Drinking Wa Aluminum Barium Beryllium Cadmium Chromium Copper Iron Manganese Nickel Silver Zinc Boron Aluminum	OIA-1677, DW ater EPA 200.7
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	02.565 Field of 1 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130	001 Festing 001 003 004 005 007 008 009 011 012 015 017 018 001 002	Cyanide : 103 - Toxic Chemical Elements of Drinking Wa Aluminum Barium Beryllium Cadmium Chromium Copper Iron Manganese Nickel Silver Zinc Boron	OIA-1677, DW ater EPA 200.7
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	02.565 ield of 7 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130	001 Festing 001 003 004 005 007 008 009 011 012 015 017 018 001 002 003	Cyanide : 103 - Toxic Chemical Elements of Drinking Wa Aluminum Banium Beryllium Cadmium Chromium Copper Iron Manganese Nickel Silver Zinc Boron Aluminum Antimony	OIA-1677, DW ater EPA 200.7 EPA 200.8 EPA 200.8
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	02.565 ield of 1 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.140 03.140 03.140	001 Festing 001 003 004 005 007 008 009 011 012 015 017 018 001 002 003 004	Cyanide : 103 - Toxic Chemical Elements of Drinking Wa Aluminum Banium Beryllium Cadmium Chromium Copper Iron Manganese Nickel Silver Zinc Boron Aluminum Antimony Arsenic	OIA-1677, DW ater EPA 200.7 EPA 200.8 EPA 200.8 EPA 200.8
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	02.565 Field of 1 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130	001 Festing 001 003 004 005 007 008 009 011 012 015 017 018 001 002 003 004 005	Cyanide : 103 - Toxic Chemical Elements of Drinking Water Aluminum Banium Beryllium Cadmium Chromium Copper Iron Manganese Nickel Silver Zinc Boron Aluminum Antimony Arsenic Banium	OIA-1677, DW ater EPA 200.7 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8
1 F	02.565 ield of 1 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.140 03.140 03.140 03.140 03.140	001 Festing 001 003 004 005 007 008 009 011 012 015 017 018 001 002 003 004 005 006	Cyanide : 103 - Toxic Chemical Elements of Drinking Wa Aluminum Barium Beryllium Cadmium Chromium Copper Iron Manganese Nickel Silver Zinc Boron Aluminum Antimony Arsenic Barium Beryllium	OIA-1677, DW ater EPA 200.7 EPA 200.8
1	02.565 ield of 1 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.130 03.140 03.140 03.140 03.140 03.140	001 Festing 001 003 004 005 007 008 009 011 012 015 017 018 001 002 003 004 005 006 007	Cyanide : 103 - Toxic Chemical Elements of Drinking Wa Aluminum Banum Beryllium Cadmium Chromium Copper Iron Manganese Nickel Silver Zinc Boron Aluminum Antimony Arsenic Banum Beryllium Cadmium	OIA-1677, DW atter EPA 200.7 EPA 200.8 EPA 200.8

Renew Date: 3/31/201	Renew	Date:	3/31	/201	E
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103.140 0	09 Lead	EPA 200.8
103.140 0	10 Manganese	EPA 200.8
103.140 0	11 Mercury	EPA 200.8
103.140 0	12 Nickel	EPA 200.8
103.140 0	13 Selenium	EPA 200.8
103.140 0	14 Silver	EPA 200.8
103.140 0	15 Thallium	EPA 200.8
103.140 0	16 Zinc	EPA 200.8
103.140 0	17 Boron	EPA 200.8
103.140 0	18 Vanadium	EPA 200.8
103.160 O	01 Mercury	EPA 245.1
103.310 0	01 Chromium (VI)	EPA 218.6
Field of Tes	sting: 104 - Volatile Organic Chemistry of Drinking V	Vater
104.030 00		EPA 504.1
	04 EDB and DBCP	EPA 504.1
104.035 00		SRL 524M-TCP
	00 Volatile Organic Compounds	EPA 524.2
	OO Trihalomethanes, Total	EPA 524.2
	02 Methyl tert-butyl Ether (MTBE)	EPA 524.2
	04 tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.050 00		EPA 524.2
104.050 00		EPA 524.2
		EPA 524.3
104.055 02		EPA 524.3
		EPA 524.3
104.058 00		EPA 524.4
104.058 00		EPA 524.4
104.058 02		EPA 524.4
104.059 00		EPA 524.4
Field of Tes	sting: 105 - Semi-volatile Organic Chemistry of Drini	king Water
105.040 00	OO Chlorinated Pesticides	EPA 508.
105.040 01	16 PCBs as Aroclors (screen)	EPA 508
105.082 00	D9 Chlorinated Acids	EPA 515.3
105.090 00	OO Semi-volatile Organic Compounds	EPA 525.2
105.090 02	27 PCBs as Aroclors	EPA 525.2
105.091 00	DO Semi-volatile Organic Compounds	EPA 525.3
105.091 00	D7 Diazinon	EPA 525.3
105.091 01	15 Lindane (BHC, gamma)	EPA 525.3
105.091 02	23 Thiobencarb	EPA 525.3
105.100 00	00 Carbamates	EPA 531.1
105.120 00	01 Glyphosate	EPA 547
105.140 00	D1 Endothall	EPA 548.1
105.150 00	01 Diquat	EPA 549.2
105.170 03	31 Disinfection Byproducts	EPA 551.1
105.200 00	04 Dalapon	EPA 552.2
105.200 00	09 Haloacetic Acids	EPA 552.2

1132 Renew Date: 3/31/2016

105.220 001 Diuron **EPA 632** 105.230 .002 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Screening O EPA 1613 Field of Testing: 106 - Radiochemistry of Drinking Water 106.010 001 Gross Alpha and Beta Radiation EPA 900.0 106.092 001 Uranium EPA 200.8 106.270 001 Gross Alpha by Coprecipitation SM7110C Radon-222 106.610 001 SM7500-Rn Field of Testing: 107 - Microbiology of Wastewater 107.010 001 Heterotrophic Bacteria SM9215B 107.020 001 **Total Coliform** SM9221B,C-2006 107.030 001 Total Coliform with Chlorine Present SM9221B,C-2006 107.040 001 Fecal Coliform SM9221C,E (MTF/EC) 107.050 001 Fecal Coliform with Chlorine Present SM9221E-2006 107.060 001 **Total Coliform** SM9222B 107.070 002 Total Coliform with Chlorine Present SM9222B + B.5c-1997 107.080 001 Fecal Coliform SM9222D 107.090 002 SM9222D-1997 Fecal Coliform with Chlorine Present 107.100 001 SM9230B Fecal Streptococci 107.100 002 Enlerococci SM9230B 107,242 001 Enlerococci Enterolert 107.244 001 Enterococci **EPA 1600** 107.245 001 E. coli SM9223 Field of Testing: 108 - Inorganic Chemistry of Wastewater 108.090 001 Residue, Volatile EPA 160.4 108.110 001 Turbidity EPA 180.1 108.112 001 **Boron EPA 200.7** 108.112 002 Calcium EPA 200.7 108.112 003 EPA 200.7 Hardness (calculation) 108.112 004 Magnesium EPA 200.7 108.112 005 Potassium EPA 200.7 108.112 006 Silica EPA 200.7 108.112 007 EPA 200.7 Sodium 108.113 001 Boron EPA 200:8 108.113 002 Calcium **EPA 200.8** 108.113 003 Magnesium **EPA 200.8** 108_113_004 Potassium EPA 200.8 108.113 005 **EPA 200.8** 108.113 006 Sodium **EPA 200.8** 108.120 001 **Bromide EPA 300.0** 108.120 002 Chloride EPA 300.0 108.120 003 Fluoride EPA 300.0 108.120 004 Nitrate **EPA 300.0** 108.120 005 Nitrite **EPA 300.0** 108.120 006 Nitrate-nitrite EPA 300.0 108.120 008 EPA 300.0 Sulfate 108.121 001 **Bromide** EPA 300.1

1132

108.183	001	Cyanide, Total	EPA 335.4
108.200	001	Ammonia	EPA 350.1
108.211	001	Kjeldahl Nitrogen	EPA 351.2
108.232	003	Nitrate-Nitrite (as N)	EPA 353.2
108.232	004	Nitrite as N	EPA 353.2
108.260	001	Phosphate, Ortho	EPA 365.1
108.261	001	Phosphorus, Total	EPA 365.1
108.264	001	Phosphate, Ortho	EPA 365.3
108.265	001	Phosphorus, Total	EPA 365.3
108.323	001	Chemical Oxygen Demand	EPA 410.4
108.362	001	Phenois, Total	EPA 420.4
108.381	001	Oil and Grease	EPA 1664A
108.385	001	Color	SM2120B-2001
108.410	001	Alkalinity	SM2320B
108.420	001	Hardness (calculation)	SM2340B
108.430	001	Conductivity	SM2510B
108.440	001	Residue, Total	SM2540B
108.441	001	Residue, Filterable TDS	SM2540C
108.442	001	Residue, Non-filterable TSS	SM2540D
108.443	001	Residue, Settleable	SM2540F-1997
108.444	001	Temperature	SM2550B-2000
108.465	001	Chlorine, Total	SM4500-CI G
108.465	002	Chlorine, Free	SM4500-CI G-2000
108.473	001	Cyanide, amenable	SM4500-CN G
108.490	001	Hydrogen Ion (pH)	SM4500-H+B
108.513	001	Kjeldahl Nitrogen, Total (as N)	SM4500-Norg D-1997
108.531	001	Dissolved Oxygen	SM4500-O G
108.560	001	Sulfite	SM4500-SO3 B
108.580	001	Sulfide	SM4500-S= D
108.590	001	Biochemical Oxygen Demand	SM5210B
108.591	001	Carbonaceous BOD	SM5210B
108.594	001	Chemical Oxygen Demand	SM5220C-1997
108.596	001	Organic Carbon-Total (TOC)	SM5310B-2000
108.597	001	Organic Carbon-Total (TOC)	SM5310C-2000
108.640	001	Surfactants	SM5540C
108.925	001	Cyanide, amenable	OIA-1677-09
108.99	001	Cyanide	ASTM D7511-09
Field of	Testing	: 109 - Toxic Chemical Elements of Wastewater	
109.010		Aluminum	EPA 200.7
109.010	002	Antimony	EPA 200.7
109.010	003	Arsenic	EPA 200.7
109.010	004	Barium	EPA 200.7
109.010	005	Beryllium	EPA 200.7
109.010	007	Cadmium	EPA 200.7
109.010	009	Chromium	EPA 200.7
109.010	010	Cobalt	EPA 200.7
109.010		Copper	EPA 200.7

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400 0:=	0.0		
109.010		Iron	EPA 200.7
	013	Lead	EPA 200.7
	015	Manganese	EPA 200.7
	016	Molybdenum	EPA 200.7 EPA 200.7
	017 019	Nickel Selenium	EPA 200.7
	021	Silver	EPA 200.7
	023	Thallium	EPA 200.7
	024	Tin	EPA 200.7
	025	Titanium	EPA 200.7
	026	Vanadium	EPA 200.7
	027	Zinc	EPA 200.7
109.020	001	Aluminum	EPA 200.8
109.020	002	Antimony	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	800	Cobalt	EPA 200.8
109.020	009	Copper	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	013	Nickel	EPA 200.8
	014	Selenium	EPA 200.8
	015	Silver	EPA 200.8
	016	Thallium	EPA 200.8
	017	Vanadium	EPA 200.8
	018	Zinc	EPA 200.8
	020	Gold .	EPA 200.8
	021	Iron	EPA 200.8
109.020		Tin Tin	EPA 200.8
109.020		Titanium Chemium (VI)	EPA 200.8
	001	Chromium (VI) Mercury	EPA 218.6 EPA 245.1
	001	Mercury	EPA 245.7
	001	Mercury	EPA 1631E
	001	Chromium (VI)	SM3500-Cr D (18th/19th)
		: 110 - Volatile Organic Chemistry of Wastev	
110.040		Purgeable Organic Compounds	EPA 624
		: 111 - Semi-volatile Organic Chemistry of W	
	000	Acid/base/neutral Organic Compounds	EPA 625
111.100		Descript a BOD.	CDA COC
111.101	000	Pesticides & PCBs	EPA 625
1 <u>11.101</u> 1 <u>11.101</u>	000 033 034	Adipates Phthalates	EPA 625 EPA 625

1132

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	111.101	036	Other Extractables	EPA 625
	111.103	000	Nitrosamines	EPA 625
	111.120	048	N-nitrosodimethylamine	EPA 1625B
	111.170	030	Pesticides & PCBs	EPA 608
	111.210	000	Carbamates	EPA 632
	111.210	006	Diuron	EPA 632
-			: 112 - Radiochemistry of Wastewater	
-				FD4 000 0
	112.010		Gross Alpha and Beta Radiation	EPA 900.0
_	Field of	Testing	: 114 - Inorganic Chemistry of Hazardous Waste	e
	114.010	001	Antimony	EPA 6010B
	114.010	002	Arsenic	EPA 6010B
	114.010	003	Barium	EPA 6010B
	114.010	004	Beryllium	EPA 6010B
	114.010	005	Cadmium	EPA 6010B
	114.010	006	Chromium	EPA 6010B
	114.010	007	Cobalt	EPA 6010B
	114.010	008	Copper	EPA 6010B
	114.010	009	Lead	EPA 6010B
	114.010	010	Molybdenum	EPA 6010B
	114.010	011	Nickel	EPA 6010B
	114.010	012	Selenium	EPA 6010B
	114.010	013	Silver	EPA 6010B
	114.010	014	Thallium	EPA 6010B
	114.010		Vanadium	EPA 6010B
	114.010	016	Zinc .	EPA 6010B
	114.020	001	Antimony	EPA 6020
	114.020	002	Arsenic	EPA 6020
	114.020	003	Barium	EPA 6020
	114.020	004	Beryilium	EPA 6020
		005	Cadmium	EPA 6020
	114.020	006	Chromium	EPA 6020
	114.020	007		EPA 6020
	114.020	008	Copper	EPA 6020
			Lead	EPA 6020
		010	Molybdenum	EPA 6020
		011	Nickel	EPA 6020
1 415		012	Selenium	EPA 6020
			Silver	EPA 6020
		014	Thallium	EPA 6020
		015	Vanadium	EPA 6020
		016	Zinc	EPA 6020
				EPA 7196A
	114.103	001	Chromium (VI)	
	114.106	001	Chromium (VI)	EPA 7199
		001	Mercury	EPA 7470A
	114.141	001	Mercury	EPA 7471A
	114.222	001	Cyanide	EPA 9014

1132

114.000	001	Culfidae Tatal	FDA 0024
1 <u>14.230</u> 114.250	001	Sulfides, Total Fluoride	EPA 9034 EPA 9056
			LIAVOO
		: 115 - Extraction Test of Hazardous Waste	EDA 4244
115.020	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311
1 <u>15.030</u> 115.040	001	Waste Extraction Test (WET) Synthetic Precipitation Leaching Procedure (SPLP)	CCR Chapter11, Article 5, Appendix II EPA 1312
		: 116 - Volatile Organic Chemistry of Hazardous	
116.020	030	Nonhalogenated Volatiles	EPA 8015B
116.020	031	Ethanol and Methanol	EPA 8015B
116.030	001	Gasoline-range Organics	EPA 8015B
116.080	000	Volatile Organic Compounds	EPA 8260B
116.090	000	Acrylamide, Acrylonitrile, Acrolein	EPA 8316
1 <u>16.100</u> 116.100		Total Petroleum Hydrocarbons - Gasoline BTEX and MTBE	LUFT GC/MS
		: 117 - Semi-volatile Organic Chemistry of Haza	
117.010		Diesel-range Total Petroleum Hydrocarbons	EPA 8015B
117.110		Extractable Organics	EPA 8270C
117.110	025	Carbazole	EPA 8270C
117.110	080	2-Methyl-4,6-dinitrophenol	EPA 8270C
117.111	054	Parathion Ethyl	EPA 8270C
117.111	055	Parathion Methyl	EPA 8270C
117.111	058	Sulfotepp	EPA 8270C
1 <u>17.111</u> 117.111	059 070	Tepp PCBs	EPA 8270C EPA 8270C
117.111	070	Pesticides	EPA 8270C
117.111	074	Adipates	EPA 8270C
117.111	076	Other Extractables	EPA 8270C
117.150	000	Carbonyl Compounds	EPA 8315A
117.171	000	Nitroaromatics and Nitramines	EPA 8330A
117.210	000	Pesticides & PCBs	EPA 8081A
117.220	000	PCBs	EPA 8082
117.240	000	Organophosphorus Pesticides	EPA 8141A
117.250	000	Chlorinated Herbicides	EPA 8151A
117.270		Carbamates, N-methylcarbamates	EPA 8318
		: 120 - Physical Properties of Hazardous Waste	
120.010	001	Ignitability	EPA 1010
120.070	001	Corrosivity - pH Determination	EPA 9040B
120.080	001	Corrosivity - pH Determination	EPA 9045C .
		: 126 - Microbiology of Recreational Water	01/00/41 B 0
126.010	001	Total Coliform (Enumeration)	SM9221A,B,C
126.020	001	Total Coliform (Enumeration)	SM9222A,B
126.030	001	Fecal Coliform (Enumeration)	SM9221E-2006
126.040	001	Fecal Coliform (Enumeration)	SM9222D
126.050	001	Total Coliform and E. coli	SM9223
126.070	001	Enterococci	EPA 1600

Weck Laboratories, Inc.

Certificate No

1132

Renew Date: 3/31/2016

126.080 001

Enterococci

IDEXX



Certificate of Analysis

Report Date: 10/20/14 14:06 Received Date: 10/07/14 12:50

Client: Water Investigations

848 N. Rainbow Blvd., #122 Las Vegas, NV 89107

Turnaround Time: 6 workdays

Phone: Personal Privacy 6

Attn: Personal Privacy 6

Fax:

Project: Arsenic Testing

P.O.#:

Dear Jack Rosen:

Enclosed are the results of analyses for samples received 10/7/2014 with the Chain of Custody document. The samples were received in good condition, at 1.3 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Work Order No: 4J07046-01 Sampled by: Personal Privacy 6,	Sample ID: #16 Brown Sampled: 10/04/14 10:00				Matrix: Water Sample Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	
Arsenic, Total	120		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:03	пf	W4J0456
Work Order No: 4J07046-02 Sampled by: Personal Privacy 6		D: Ken Nita empled: 10/0		Matrix: Sam	Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
enic, Total	76		ug/i	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:08	щ	W4J0456
vork Order No: 4.107046-03 Sampled by:		D: #39 Jeni ampled: 10/0			ix: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	3.9		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:12	пt	W4J0456
Work Order No: 4,107046-04 Sampled by: Personal Privacy 6		D: #13 Cort ampled: 10/0			: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	4.8		ug/ l	0.40	1	EPA 200,8	10/09/14 10:20	10/16/14 15:29	пl	W4J0456
Work Order No: 4,107046-05 Sampled by:		D: #28 Char impled: 10/0			Mat ple Note:	rix: Water				
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	210		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:34	пl	W4J0456
Work Order No: 4J07046-06 Sampled by: Personal Privacy 6		D: #37 Ram mpled: 10/0			ix: Water ole Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	11		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:38	ता	W4J0456
Work Order No: 4,107048-07 Sampled by: Privacy 8		D: #51 Rebe impled: 10/0			rix: Water ole Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	38		uq/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:55	m	W4J0456

Lab#: 4J07046-08 Page 1 of 2

Certificate of Analysis

rk Order No: 4J07046-08 Sampled by: Personal Privacy 6 Sample ID: #57 Ornelas Sampled: 10/04/14 12:10 Matrix: Water Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	140		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 16:00	ul	W4J0456

Case Narrative:

Contact: Kim G Tu

(Project Manager)

Authorized Committee

Authorized Signature









ELAP # 1132 LACSD # 10143 NELAC # 04229CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Weck Laboratories certifies that the test results meet all requirements of NELAC unless noted in the Case Narrative. This analytical report must be reproduced in its entirety.

Notes:

The Chain of Custody document is part of the analytical report.

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.

All results are expressed on wet weight basis unless otherwise specified.

NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL)

= Not Reportable

uub = Subcontracted analysis, original report enclosed.

An Absence of Total Coliform meets the drinking water standards as established by the State of California Department of Health Services .

The Reporting Limit (RL) is referenced as laboratory's Practical Quantitation Limit (PQL).

For Potable water analysis, the Reporting Limit (RL) is referenced as Detection Limit for reporting purposes (DLRs) defined by EPA.

If sample collected by Weck Laboratories, sampled in accordance to lab SOP MIS002

Lab#: 4J07046-08

Page 2 of 2





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Clinical Laboratory of San Bernardino, Inc.

21881 Barton Road Grand Terrace, CA 92313

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

> This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1088

Expiration Date: 01/31/2016

Effective Date: 02/01/2014

Richmond, California subject to forfeiture or revocation David Mazzera, Ph.D., Assistant Division Chief





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Clinical Laboratory of San Bernardino II

Lompoc Office

516-A North Eighth Street Lompoc, GA 93436

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Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1678

Expiration Date: 12/31/2015

Effective Date: 01/01/2014

Richmond, California subject to forfeitiffe or revocation David Mazzera, Ph.Dr. Assistant Division Chief





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

is hereby granted to

Geo-Monitor, Inc

17152 Darwin Avenue Hesperia, CA 92345

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

> This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 2691

Expiration Date: 06/30/2014

Effective Date: 07/01/2012

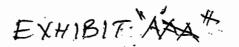
Richmond, California subject to forfeiture or revocation

David Mazzera, Ph.D., Assistant Division Chief Division of Drinking Water and Environmental Management

Clinical Laboratory of San Bernardino, Inc.



									_
Personal Privacy 6			Project:	Routine				Work Orde	ar: 14H0183
		·S	•		owns / Hinkley			Received:	08/04/14 17:05
Barstow CA, 92311			Manager: P					Reported:	08/19/14
243011		110,000	. Internition						
] the second		14H0183-0	1 (Water)		Sample Dat	e: 07/28/1	4 10:10	Sampler:	Nick Panchev
Anelyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyze	i Batch	Qualifier
Metals						.•		•	
Arsenic (As)	SM3113-B	34	ug/L	2.0	10	08/11/14	08/11/14	143302	5 .
	11	14H0183-4	12 (Water)		Sample Date	± 07/28/14	10:30	Sampler:	Nick Panchev
Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyze	l Batch	Qualifier
Marila									
Metals	m.e			100	••	007774	000004	1,22504	
Arsenic (As)	SM3113-B	1600	ug/L	100	10	08/15/14	08/19/14	1433586	•
		14110183-0	3 (Water)		Sample Date	: 07/28/14	11:00	Sampler:	Nick Panchev
Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
<u>Metals</u>									
	SM3113-B	34	ug/L	2.0	10	08/11/14	08/11/14	1433025	
Arsenic (As)	3843113-6	34	man.	2.0				14202	
		14H0183-0	(Water)		Sample Date	: 07/28/14	11:30	Sampler:	Nick Panchev
Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Betch	Qualifier
Metals									
Arsenic (As)	SM3113-B		ug/L	2.0	. 10	08/11/14	08/11/14	1433025	
Arsens (As)			- Lagra					•	
VINSON		14H0183-05	(Water)		Sample Date:	07/26/14	12:00 \$	Sampler:	Nick Panchev
Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
Personal Privacy 6									
				•	10	00/15/14	08/18/14	1433586	
c (As)	SM3113-B	130	ug/L	20	10	08/15/14	00/10/14	1435360	
· · · · · · · · · · · · · · · · · · ·		14H0183-06	(Water)		Sample Date:	07/26/14	10:03 S	ampler: 1	Nick Panchev
	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
Metals									
Arsenic (As)	SM3113-B		ug/L	2.0	10	08/11/14	08/11/14	1433025	
Personal Privacy 6		14H0183-07	(Water)		Sample Date:	07/26/14	11:08 S	ampler: 1	lick Panchev
Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
					1				
Metals									
Arsenic (As)	SM3113-B	37	ug/L	2.0	10	08/11/14	08/11/14	1433025	







CAMEGENIASTATE

ENVIRONMENTAL EXBORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF SIVIFORMENTAL VAROFATORY ACCREDITATION

is nevelly diranted to

Wextended testing

Weck Analytical Environmental Services

14759 East Clark Avenue

City of Chicago CA 91745

Scope of the certificate is limited to the Fleids of Testing.

Which accompany this Certificate.

Continued accredited status stepends on successful completion of on site, proficiency festing studies and payment of applicable fees:

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Carilicale No. 14862

Expication Delic 307/56/2016

Efficience Date: 1-100/05/24/14

Richmond, California subject to forfeiture or revocation David Mazzera, Ph.D. Assistant Division Chief Bijvision of Drinking Water and Environmental Management



MATTER STATES EXPENDINGERRAL PROTECTION AGENCY

August 12, 1996

Mr. Alfredo E. Pietri Laboratory Director Week Laboratories, Inc. 14859 E. Clark Avenue Industry, CA 91745

Dear Mr. Pierri:

SUBJECT: Alternate Test Procedure (ATP) Method Approval

The presence of this letter is to motify you that (J.S. EPA Region IX is granting approval to use EPA Method 200,8 (K.P. M.S.) for many as of NPDES compliance samples for abuninum entities by access, becker, berything codesions, describing colors, colors, colors, and compliance and mangement mercury, molytokenson sucket, accessors, alver findings, varieties, and zinc. This letter is in response to your limited use (commercial intensity) Alternate Test Procedure (ATP) and in the letter is in the limited by the limited to your inhematory in federate, California for NPDES durchanges in States within Region IX (Annual, California, Hawaii, Newall, Court, Salper Palsa and American Samon) and is inclusive of work entreatly performed for Victor Valley Westernate, Reclamation Anductity under NPDES permit number CA0102822

Application for and approval of ATPs are allowed under 40 CFR Part 136.4-5. Limited-use ATP applications require the applicant to perform a study comparing the proposed method to a promulgated procedure (40 CFR Part 136) using samples of the NPDES permitted wastewater. This data is submitted (through the State and Region) to the EPA National Exposure Research Laboratory in Cincinnati (NERL-CI), formerly known as Environmental Monitoring Systems Laboratory in Cincinnati (BMSL-CI), for technical and comparability reviews. Based on the resulting recommendation of NERL-CI, the Assistant Regional Administrator has final authority for approval of familial and ATPs.

Method 20.8 has been subjected by NERL, CI for nationality are in NPDES monitoring but has not yet been published in the <u>Publish Register</u> suder 40 CFR Part 136 - Guidelines Establishing Leat Procedures for the Analysis of Publisheds Upder the Clean Water Act. Until the method is published NERL -CI has descriptioned that a function use ATP comparison study for Method 200 5 would be a emplication of effort, because the method has already been validated for influentiale use. Accordingly, you have not been required to perform a full method comparison study.

NERL-CT has recommended that Regions approve the use of Method 200.8 on a case-by-case basis for those NPDES permittees and communical laboratories (James Longbottom, U.S. EPA NERL-CT 11/03/92 communication) who have demonstrated ability to use it. We found that the performance data submitted for analyses of aluminum, antimony, assenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, manganese, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc meets this requirement.

Please contact Vance Fong, Chief of the Quality Assurance Management Section, at (415) 744-1492 if you have any questions regarding this notice.

Sincerely,

Nota L. McGee

Assistant Regional Administrator for Policy and Management

ec: Ken Greenberg, Chief, NPDES Compliance Section (W-5-3)

Bob Wills, Chief, Preseaument Program and Compliance Section (W-5-2)

U.S. EPA Region IX

James Longhettom, Senior Science Advisor James O'Dell, ATP Chemist U.S. EPA NERL-CI

George Kulasingam, Assistant Chief Richard Spinner, Laboratory Supervisor California Environmental Laboratory Accorditation Program

Certificate of Analysis

Matrix: Water

Report Date: 09/23/14 15:37 Received Date: 09/04/14 12:07

Client: Water Investigations

848 N. Rainbow Blvd., #122

Las Vegas, NV 89107

Turnaround Time: Normal

Phone: (702) 301-4167

Fax:

P.O.#:

Attn: Personal Privacy 6

Project:

Work Order No: 4104036-01

Dear Jack Rosen:

Enclosed are the results of analyses for samples received 9/4/2014 with the Chain of Custody document. The samples were received in good condition, at 2.9 °C. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Sample ID: #1 (Chromium6)

Work Order No: 4104036-01 Sampled by: Jack Rosen	Sample ID: #1 (Chromium6) Sampled: 09/03/14 17:50			Matrix: Water Sample Note:						
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	
Chromium 6+	2.2	2	ug/l	0.30	1	EPA 218.6	09/10/14 10:50	09/10/14 13:36	cwh	W4I0499
Work Order No: 4104036-02 Sampled by: Personal Privacy 6		D: #2 (Chro ampled: 09/0			latrix: Wa ple Note:	ter				
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Chromium 6+	0.49)	ug/l	0.30	1	EPA 218.6	09/10/14 10:50	09/10/14 13:36	cwh	W4I0499
Work Order No: 4104036-03 Sampled by: Personal Privacy 6		D: #3 (Chror ampled: 09/0			latrix: Wa ple Note:	ter				
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Chromium 6+	ND	1	ug/l	0.30	1	EPA 218.6	09/10/14 10:50	09/10/14 13:36	cwh	W4I0499
Work Order No: 4104036-04 Sampled by: Personal Privacy 6		D: #39 (Chro ampled: 09/0			Matrix: Wa ple Note:	ater				
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Chromium 6+	ND	•	ug/l	0.30	1	EPA 218.6	09/10/14 10:50	09/10/14 13:36	cwh	W4I0499
Work Order No: 4104036-05 Sampled by: Personal Privacy 6		D: #1 Arseni ampled: 09/0		Samı	Matrix: ole Note:	Water				
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	2500		ug/l	0.80	1	EPA 200.8	09/15/14 08:51	09/15/14 19:18	nt	W410722
Work Order No: 4104036-06 Sampled by: Personal Privacy 6		D: #2 Arseni ampled: 09/0		Samp	Matrix: ole Note:	Water				
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	34		ug/l	0.40	1	EPA 200.8	09/15/14 08:51	09/15/14 19:22	πl	W410722
Work Order No: 4104036-07 Sampled by: Personal Privacy 6		D: #12 (Uran ampled: 09/0			rix: Water ole Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Uranium Rad	10		pCi/L	0.13	1	EPA 200.8	09/15/14 08:51	09/15/14 19:31	пf	W4I1203

4104036-08

Page 1 of 2

Exibit A"

(626) 336-2139 FAX (626) 336-2634





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

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Is hereby granted to

Clinical Laboratory of San Bernardino, Inc.

21881 Barton Road
Grand Terrace, CA 92313

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1088

Expiration Date: 01/31/2016

Effective Date: 02/01/2014

Richmond, California subject to forfeiture or revocation

David Mazzera, Ph.D., Assistant Division Chief





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Is hereby granted to

Clinical Laboratory of San Bernardino II

Lompoc Office

516-A North Eighth Street Lompoc, GA 93436

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Continued accredited status depends on successful completion of the site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1678

Expiration Date: 12/31/2015

Effective Date:

Richmond, California subject to forfeitare or revocation David Mazzera, Ph.D., Assistant Division Chief Division of Drinking Water and Environmental Management





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Certificate No.: 2691

Expiration Date: 06/30/2014

Effective Date: 07/01/2012

Richmond, California subject to forfeiture or revocation David Mazzera, Ph.D., Assistant Division Chief

Clinical Laboratory of San Bernardino, Inc.



Callahan & Blaine

3 Hutton Centre Drive, Ninth Floor

Santa Ana CA, 92707

Project: Drinking Water

Sub Project: Irving

Project Manager: Personal Privacy 6

Work Order: 13H1419

Received: 08/16/13 11:55

Reported: 09/03/13

Irving	13H1419-01 (Water)			Sample Date: 08/16/13 8:00 Sampler: Nick Panch					anchev	
Analyte	Method	Result	Units	Rep. Limit	MDL	MCL	Prepared	Analyzed	Batch	Qualifier
Metals										
Arsenic (As)	SM3113-B	30	ug/L	2.0	0.68	10	08/22/13 .	08/22/13	1334349	
Chromium (+6)	EPA 218.6	1.3	ug/L	1.0	0.14		08/16/13	08/19/13	1334014	
Radiochemistry Analyses										
Gross Beta	EPA 900.0	15	pCi/L	4.0		50	08/19/13	08/26/13	1330379	
Gross Beta Counting Error	EPA 900.0	3.2	pCi/L				08/19/13	08/26/13	1330379	
Gross Beta Min Det Activity	EPA 900.0	2.2	pCi/L				08/19/13	08/26/13	1330379	
Uranium	EPA 908.0	70	pCi/L	1.0		20	08/20/13	08/20/13	1333313	
Uranium Counting Error	EPA 908.0	3.5	pCi/L				08/20/13	08/20/13	1333313	
Uranium Min Det Activity	EPA 908.0	0.88	pCi/L				08/20/13	08/20/13	1333313	

Detected below the Reporting Limit; reported concentration is estimated; (J-Flag)

ND Analyte NOT DETECTED at or above the MDL; Method Detection Limit

Robin Glenney Project Manager EXHIBITE A!

Page 1 of 1

Exhibit "A"





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Weck Laboratories, Inc.

Weck Analytical Environmental Services

14859 East Clark Avenue City of Industry, CA 91745

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seg. of the Health and Safety Code.

Certificate No.: 1132

Expiration Date: 03/31/2016

Effective Date: 04/01/2014

Richmond, California subject to forfeiture or revocation David Mazzera, Ph.D., Assistant Division Chief

Certificate of Analysis

Report Date: 10/31/14 12:34 **Received Date:** 10/14/14 12:15

Client: Water Investigations

848 N. Rainbow Blvd., #122

Turnaround Time: Normal

Las Vegas, NV 89107

Phone: (702) 301-4167

Attn: Personal Privacy 6

Fax:

Project: Drinking water

P.O.#:

Dear Jack Rosen:

Enclosed are the results of analyses for samples received 10/14/2014 with the Chain of Custody document. The samples were received in good condition, at 1.0 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Work Order No: 4J14041-01 Sampled by: Personal Priv	Sample ID: #61 Velasquez Sampled: 10/13/14 09:30				atrix: Wate ple Note:	er .				
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analysi	Batch
Arsenic, Total	54		ug/l	0.40	1	EPA 200.8	10/23/14 11:46	10/24/14 16:01	ជា	W4J1182
Work Order No: 4J14041-02 Sampled by: Personal Privacy 6		D: #58 Mats ampled: 10/1			c: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
enic, Total	150		ug/1	0.40	1	EPA 200.8	10/23/14 11:46	10/24/14 16:05	ភា	W4J1182
v.ork Order No: 4J14041-03 Sampled by:		D: #29 Davi ampled: 10/1	d Matthiesen 3/14 11:00	Samp	Matrix ole Note:	: Water				
Analyte	Result	Qualifier	Units	RL.	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	20		ug/l	0.40	1	EPA 200.8	10/23/14 11:46	10/24/14 16:09	ml	W4J1182
Work Order No: 4J14041-04 Sampled by: Personal Priv		D: #11 Hawe impled: 10/1			Water ole Note:				,	
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	79		ug/l	0.40	1	EPA 200.8	10/23/14 11:46	10/24/14 16:14	m	W4J1182
Work Order No: 4J14041-05 Sampled by: Client		D: #30 Carn impled: 10/1			x: Water le Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	5.5		ug/l	0.40	1	EPA 200.8	10/23/14 11:46	10/24/14 16:18	ni	W4J1182
Work Order No: 4J14041-06 Sampled by: Personal Privacy 6): #11 Hawe mpled: 10/1		Matrix: Samp	Water le Note:					
Analyte	Result	Qualifier	Units	RL	Dii	Method	Prepared	Analyzed	Analyst	Batch
Uranium Rad	12		pCi/L	0.13	1	EPA 200.8	10/23/14 11:51	10/24/14 17:23	nt	W4J1183
Work Order No: 4J14041-07 Sampled by Personal Privacy 6): #11 Hawe mpled: 10/1:		Matrix: Water Sample Note:						
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Chromium 6+	ND		ug/I	0.30	1	EPA 218.6	10/16/14 09:50	10/16/14 19:38	hmt	W4J0792

Case Narrative:

Lab#: 4J14041-07

Page 1 of 2



Certificate of Analysis

Authorized Signature

Contact: Kim G Tu (Project Manager)









ELAP # 1132 LACSD # 10143 NELAC # 04229CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Weck Laboratories certifies that the test results meet all requirements of NELAC unless noted in the Case Narrative. This analytical report must be reproduced in its entirety.

The Chain of Custody document is part of the analytical report.

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance. All results are expressed on wet weight basis unless otherwise specified.

ND = NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL) NR = Not Reportable

Sub = Subcontracted analysis, original report enclosed.

An Absence of Total Coliform meets the drinking water standards as established by the State of California Department of Health Services . The Reporting Limit (RL) is referenced as laboratory's Practical Quantitation Limit (PQL). For Potable water analysis, the Reporting Limit (RL) is referenced as Detection Limit for reporting purposes (DLRs) defined by EPA.

If sample collected by Weck Laboratories, sampled in accordance to lab SOP MIS002





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

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Is hereby granted to

Weck Laboratories, Inc.

Weck Analytical Environmental Services

14859 East Clark Avenue City of Industry, CA 91745

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Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1132

Expiration Date: 03/31/2016

Effective Date: 04/01/2014

Richmond, California subject to forfeiture or revocation

David Mazzera, Ph.D., Assistant Division Chief

Certificate of Analysis

Report Date: 10/20/14 14:06 Received Date: 10/07/14 12:50

Client: Water Investigations

848 N. Rainbow Blvd., #122 Las Vegas, NV 89107

Turnaround Time: 6 workdays

Phone: Personal Privacy 6

Fax:

P.O.#:

Attn: Personal Privacy 6

Project: Arsenic Testing

Dear Jack Rosen:

Enclosed are the results of analyses for samples received 10/7/2014 with the Chain of Custody document. The samples were received in good condition, at 1.3 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Work Order No: 4J07046-01 Sampled by: Jack Rosen		: #16 Brow mpled: 10/0			x: Water ple Note:					,
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	120		ug/f	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:03	m	W4J0456
Work Order No: 4,07046-02 Sampled by: Personal Privacy 6		: Ken Nitao npled: 10/0			Water ple Note:					
Analyte	Result	Qualifier	Units	RL.	Dil	Method	Prepared	Analyzed	Analyst	Batch
enic, Total	76		ug/i	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:08	πl	W4J0456
vork Order No: 4J07046-03 Sampled by: Personal Privacy 6		: #39 Jenk npled: 10/0			rix: Water ple Note:					
Analyte	Result	Qualifier	Units	RL.	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	3.9		ug/1	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:12	m	W4J0456
Work Order No: 4.107046-04 Sampled by:		: #13 Cort npled: 10/0			: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	4.8		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:29	пi	W4J0456
Work Order No: 4J07046-05 Sampled by:		: #28 Char npled: 10/04	les Matthie: 1/14 14:30		<i>Mat</i> ple Note:	rix: Water				
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	210		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:34	rri	W4J0456
Work Order No: 4,107046-06 Sampled by: Personal Privacy 6		: #37 Rami npled: 10/04		*****	rix: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	11		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:38	щ	W4J045 6
Work Order No: 4,307046-07 Sampled by: Personal Privacy 6		#51 Rebe			rix: Water ole Note:					
Analyte	Result (Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	38		uq/i	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:55	m	W4J0456

4J07046-08

Page 1 of 2

14859 East Clark Avenue, City of Industry, California 91745-1396 (626) 336-2139 www.wecklabs.com



Certificate of Analysis

rk Order No: 4J07046-08 Sampled by: Jack Rosen Sample ID: #57 Ornelas Sampled: 10/04/14 12:10 Matrix: Water Sample Note:

			I In the							
Analyte	Result	Qualifier	Units	RL.	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	140		ug/1	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 16:00	πl	W4J0456

Case Narrative:

Authorized Signature

Contact: Kim G Tu (Project Manager)









ELAP # 1132 LACSD # 10143 NELAC # 04229CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Weck Laboratories certifies that the test results meet all requirements of NELAC unless noted in the Case Narrative. This analytical report must be reproduced in its entirety.

Notes:

The Chain of Custody document is part of the analytical report.

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance. All results are expressed on wet weight basis unless otherwise specified.

NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL)

= Not Reportable

= Subcontracted analysis, original report enclosed.

An Absence of Total Coliform meets the drinking water standards as established by the State of California Department of Health Services. The Reporting Limit (RL) is referenced as laboratory's Practical Quantitation Limit (PQL).

For Potable water analysis, the Reporting Limit (RL) is referenced as Detection Limit for reporting purposes (DLRs) defined by EPA.

If sample collected by Weck Laboratories, sampled in accordance to lab SOP MISO02





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Weck Laboratories, Inc.

Weck Analytical Environmental Services

14859 East Clark Avenue City of Industry, CA 91745

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1132

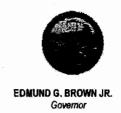
Expiration Date: 03/31/2016

Effective Date: 04/01/2014

Richmond, California subject to forfeiture or revocation



State of California—Health and Human Services Agency California Department of Public Health



March 3, 2014

Alfredo Pierri Weck Laboratories, Inc. 14859 East Clark Avenue City of Industry, CA 91745

Dear Alfredo Pierri:

Certificate No. 1132

This is to advise you that the laboratory named above continues to be certified as an environmental testing laboratory pursuant to the provisions of the Health and Safety Code (HSC), Division 101, Part 1, Chapter 4, Section 100825, et seq. Certification for all currently certified Fields of Testing that the laboratory has applied for renewal shall remain in effect until 03/31/2016 unless it is revoked.

Please note that the renewal application for certification is subject to an on-site process, and the continued use of this certificate is contingent upon:

- * successful completion of the on-site process;
- * acceptable performance in the required proficiency testing (PT) studies;
- * timely payment of all fees, including an annual fee due before March 31, 2015;
- * compliance with Environmental Laboratory Accreditation Program Branch (ELAPB); statutes (HSC, Section 100825, et seq.) and Regulations (California Code of Regulations (CCR), Title 22, Division 4, Chapter 19).

An updated certificate of the "Fields of Testing" will be issued to the laboratory upon successful completion of the on-site process.

The application for the renewal of this certificate must be received before the expiration date to remain in force according to the HSC100845(a).

Please note that the laboratory is required to notify ELAPB of any major changes in the laboratory such as the transfer of ownership, change of laboratory director, change in location, or structural alterations which may affect adversely the quality of analyses (HSC, Section 100845(b)(d)). Please include the above certificate number in all your correspondence with ELAPB.

If you have any questions, please contact ELAPB at (510) 620-3155.

Sincerely,

David Mazzera, Ph.D., Assistant Division Chief

1 Choale



CALIFORNIA STATE ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM Accredited Fields of Testing



Weck Laboratories, Inc.

Weck Analytical Environmental Services

14859 East Clark Avenue City of Industry, CA 91745 Phone: (626) 336-2139 Certificate No.:

1132

Renew Date:

3/31/2016

	resung	g: 101 - Microbiology of Drinking Water	
01.010	001	Heterotrophic Bacteria	SM9215B
01.020	001	Total Coliform	SM9221A,B
01.021	001	Fecal Coliform	SM9221E (MTF/EC)
01.022	001	E. coli	SM9221B,F-2006
01.060	002	Total Coliform	SM9223
01.060	003	E. coli	SM9223
01.120	001	Total Coliform (Enumeration)	SM9221A,B,C
01.130	001	Fecal Coliform (Enumeration)	SM9221E (MTF/EC)
01.160	001	Total Coliform (Enumeration)	SM9223
01.195	001	Heterotrophic Bacteria	SM9215B
01.200	001	E. coli (Enumeration)	SM9223B
01.210	001	E. coli (Enumeration)	SM9221B,F-2006
01.240	001	E. coli (Enumeration)	EPA 1603
01.300	001	. E. coli	SM9223B
01.305	001	E. coli	SM9221 B,C,F-2006
01.307	001	Enterococci	SM9230B
01.310	001	Enterococci	Enterolert
ield of	Testing	g: 102 - Inorganic Chemistry of Drinking Water	
02.020	001	Turbidity	EPA 180.1
02.030	001	Bromide	EPA 300.0
02.030	003	Chloride	EPA 300.0
02.030	005	Fluoride	EPA 300.0
02.030	006	Nitrate.	EPA 300.0
02.030	007	Nitrite	EPA 300.0
02.030	010	Sulfate	EPA 300.0
02.040	001	Bromide	EPA 300.1
02.040	002	Chlorite	EPA 300.1
02.040	003-	Chiorate	EPA-300.1
02.040	004	Bromate	EPA 300.1
02.045	001	Perchlorate	EPA 314.0
02.047	001	Perchlorate	EPA 331.0
02.048	001	Perchlorate	EPA 332.0
02.050	001	Cyanide	EPA 335.4
02.060	001	Nitrate (as N) (Calculation)	EPA 353.2
02.061	001	Nitrite	EPA 353.2
02.070	001	Phosphate, Ortho	EPA 365.1
02.100	001	Alkalinity	SM2320B
02.110	001	Corrosivity (Langlier Index)	SM2330B

	102.120	001	Hardness	SM2340B
	102.130	001	Conductivity	SM2510B
	102.140	001	Total Dissolved Solids	SM2540C
	102.163	001	Chlorine, Free and Total	SM4500-CI G
	102.180	001	Chlorine Dioxide	SM4500-CIO2 D
	102.190	001	Cyanide, Total	SM4500-CN E
	102.192	001	Cyanide, amenable	SM4500-CN G
	102.210	001	Hydrogen ion (pH)	SM4500-H+B
	102.261	002	TOC/DOC	SM5310B
	102.263	002	TOC/DOC	SM5310C
	102.270	001	Surfactants	SM5540C
	102.280	001	UV254	SM5910B
	102.520	001	Calcium	EPA 200.7
	102.520	002	Magnesium	EPA 200.7
	102.520	003	Potassium	EPA 200.7
	102.520	004	Silica	EPA 200.7
	102.520	005	Sodium	EPA 200.7
	102.520	006	Hardness (calculation)	EPA 200.7
	102.546	001	Bromate	EPA 326.0
	102.546	002	Bromide	EPA 326.0
	102.546	003	Chlorite	EPA 326.0
	102.551	002		SM4500-CI G
		001		EPA 415.3
	102.555			EPA 415.3
		003		EPA 415.3
	102.565			OIA-1677, DW
_			103 - Toxic Chemical Elements of Drinking Wa	
_				
	103.130			EPA 200.7
		003	Barium	EPA 200.7
	103.130			EPA 200.7
		005		EPA 200.7
	103.130	007		EPA 200.7
		008	Copper	EPA 200.7
	103.130		Iron	EPA 200.7
	103.130		Manganese	EPA 200.7
	103.130		Nickel	EPA 200.7
	103.130		Silver	EPA 200:7
	103.130		Zinc	EPA 200.7
	103.130	018	Boron	EPA 200.7
	103.140	001	Aluminum	EPA 200.8
	103.140	002	Antimony	EPA 200.8
	103,140	003	Arsenic	EPA 200.8
	103.140	004	Banum .	EPA 200.8
	103.140	005	Beryllium	EPA 200.8
			 	EPA 200.8
	103.140	006	Cadmium	

EPA 200.8

103.140 008

Copper

Certificate No 1132 Renew Date: 3/31/2016

103.140		Lead	EPA 200.8
103.140	010	Manganese	EPA 200.8
103.140	011	Mercury	EPA 200.8
103.140	012	Nickel	EPA 200.8
103.140	013	Selenium	EPA 200.8
103.140	014	Silver	EPA 200.8
103.140		Thallium	EPA 200.8
103.140		Zinc	EPA 200.8
103.140	017	Boron	EPA 200.8
103.140	018	Vanadium	EPA 200.8
103.160		Mercury	EPA 245.1
103.310	001	Chromium (VI)	EPA 218.6
Field of	Testing	: 104 - Volatile Organic Chemistry of Drinking W	/ater
104.030	003	1,2,3-Trichloropropane	EPA 504.1
104.030	004	EDB and DBCP	EPA 504.1
104.035	001	1,2,3-Trichloropropane	SRL 524M-TCP
104.040	000	Volatile Organic Compounds	EPA 524.2
104.045	000	Trihalomethanes, Total	EPA 524.2
104.050	002	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.050	004	tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.050	.005	Ethyl tert-butyl Ether (ETBE)	EPA 524.2
104.050	006	Trichlorotrifluoroethane	EPA 524.2
104.055	000	Volatile Organic Compounds	EPA 524.3
104.055	021	Xylenes, Total	EPA 524.3
104.055	024	Trihalomethanes, Total	EPA 524.3
104.058	000	Volatile Organic Compounds	EPA 524.4
104.058	009	Dichloromethane	EPA 524.4
104.058	021	Xylenes, Total	EPA 524.4
104.059	000	Trihalomethanes, Total	EPA 524.4
Field of	Testing	: 105 - Semi-volatile Organic Chemistry of Drink	ring Water
105.040		Chlorinated Pesticides	EPA 508
105.040	016	PCBs as Aroclors (screen)	EPA 508
105.082		Chlorinated Acids	EPA 515.3
105.090		Semi-volatile Organic Compounds	EPA 525.2
	027	PCBs as Aroclors	EPA 525.2
105.091	000	Semi-volatile Organic Compounds Diazinon	EPA 525.3
105.091	007		EPA 525.3
105.091	015	Lindane (BHC, gamma)	EPA 525.3
105.091		Thiobencarb	EPA 525.3
105.100		Charbanates	LIN 301/1
105.120		Glyphosale	EPA 547
105.140		Endothall	EPA 548.1
105.150		Diquat Division Divis	EPA 549.2
105.170		Disinfection Byproducts	EPA 551.1
105.200	004	Dalapon	EPA 552.2 EPA 552.2
105.200	009	Haloacetic Acids	

1132 Renew Date: 3/31/2016

EPA 632 105.220 001 Diuron 2 3 7 8-Tetrachlorodib

105.230 - 00	02 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Screening O	EPA 1613			
Field of Tes	Field of Testing: 106 - Radiochemistry of Drinking Water				
106.010 00	01 Gross Alpha and Beta Radiation	EPA 900.0			
106.092 00	01 Uranium	EPA 200.8			
106.270 00	01 Gross Alpha by Coprecipitation	SM7110C			
106.610 00	O1 Radon-222	SM7500-Rn			
Field of Tes	sting: 107 - Microbiology of Wastewater				
107.010 00	01 Heterotrophic Bacteria	SM9215B			
107.020 00	01 Total Coliform	SM9221B,C-2006			
107.030 00	01 Total Coliform with Chlorine Present	SM9221B,C-2006			
107.040 00	01 Fecal Coliform	SM9221C,E (MTF/EC)			
107.050 00	01 Fecal Coliform with Chlorine Present	SM9221E-2006			
107.060 00	01 Total Coliform	SM9222B			
107.070 00	02 Total Coliform with Chlorine Present	SM9222B + B.5c-1997			
	01 Fecal Coliform	SM9222D			
107.090 00	02 Fecal Coliform with Chlorine Present	SM9222D-1997			
107.100 00	01 Fecal Streptococci	SM9230B			
107.100 00	02 Enterococci	SM9230B			
107.242 00		Enterolert			
107.244 00		EPA 1600			
107.245 00	O1 E. coli	SM9223			
Field of Tes	sting: 108 - Irrorganic Chemistry of Wastewater				
108.090 00	01 Residue, Volatile	EPA 160.4			
108.110 00	01 Turbidity	EPA 180.1			
108.112 00	01 Boron	EPA 200.7			
	02 Calcium	EPA 200.7			
108.112 00		EPA 200.7			
108.112 00	04 Magnesium	EPA 200.7			
108.112 00		EPA 200.7			
108.112 00		EPA 200.7			
108.112 00		EPA 200.7			
108.113 00		EPA 200.8			
108.113 00		EPA 200.8			
108.113 00		EPA 200.8			
108,113 00		EPA 200.8			
108.113 00		EPA 200.8			
108.113 00		EPA 200.8 EPA 300.0			
108.120 00 108.120 00		EPA 300.0			
108.120 00 108.120 00		EPA 300.0			
		EPA 300.0			
108.120 00		EPA 300.0			
108.120 00		EPA 300.0			
	OB Sulfate ·	EPA 300.0			
100.120 00	od a discontinuo	EPA 200.4			

EPA 300.1

108.121 001

Bromide

Certificate No 1132 Renew Date: 3/31/2016

108.183	001	Cyanide, Total	EPA 335.4
108.200	001	Ammonia	EPA 350.1
108.211	001	Kjeldahl Nitrogen	EPA 351.2
108.232	003	Nitrate-Nitrite (as N)	EPA 353.2
108.232	004	Nitrite as N	EPA 353.2
108.260	001	Phosphate, Ortho	EPA 365.1
108.261	001	Phosphorus, Total	EPA 365.1
108.264	001	Phosphate, Ortho	EPA 365.3
108.265	001	Phosphorus, Total	EPA 365.3
108.323	001	Chemical Oxygen Demand	EPA 410.4
108.362	001	Phenols, Total	EPA 420.4
108.381	001	Oil and Grease	EPA 1664A
108.385	001	Color	SM2120B-2001
108.410	001	Alkalinity	SM2320B
108.420	001	Hardness (calculation)	SM2340B
108.430	001	Conductivity	SM2510B
108.440	001	Residue, Total	SM2540B ·
108.441	001	Residue, Filterable TDS	SM2540C
108.442	001	Residue, Non-filterable TSS	SM2540D
108.443	001	Residue, Settleable	SM2540F-1997
108.444	001	Temperature	SM2550B-2000
108.465	001	Chlorine, Total	SM4500-Cl G
108.465	002	Chlorine, Free	SM4500-CI G-2000 .
108.473	001	Cyanide, amenable	SM4500-CN G
108.490	001	Hydrogen Ion (pH)	SM4500-H+B
108.513	001	Kjeldahl Nitrogen, Total (as N)	SM4500-Norg D-1997
108.531	001	Dissolved Oxygen	SM4500-O G
108.560	001	Sulfite	SM4500-SO3 B
108.580	001	Sulfide	SM4500-S= D
108.590	001	Biochemical Oxygen Demand	SM5210B
108.591	001	Carbonaceous BOD	SM5210B
108.594	001	Chemical Oxygen Demand	SM5220C-1997
108.596	001	Organic Carbon-Total (TOC)	SM5310B-2000
108.597	001	Organic Carbon-Total (TOC)	SM5310C-2000
108.640	001	Surfactants	SM5540C
108.925	001	Cyanide, amenable	OIA-1677-09
108.99	001	Cyanide	ASTM D7511-09
Field of	Testing	: 109 - Toxic Chemical Elements of Wastewater	
109.010	001	Aluminum	EPA 200.7
109.010		Antimony .	EPA 200.7
109.010		Arsenic	EPA 200.7
109.010		Barium	EPA 200.7
109.010		Beryllium	EPA 200.7
109.010		Cadmium	EPA 200.7
109.010		Chromium	EPA 200.7
109.010		Cobalt	EPA 200.7
109.010		Copper	EPA 200.7

Certificate No Renew Date: 3/31/2016

1132

109.010 012 EPA 200.7 Iron 109.010 013 EPA 200.7 Lead EPA 200.7 109.010 015 Manganese EPA 200.7 109.010 016 Molybdenum 109.010 017 EPA 200.7 Nickel 109.010 EPA 200.7 019 Selenium 109.010 021 Silver EPA 200.7 109.010 023 Thallium EPA 200.7 109.010 024 Tin EPA 200.7 109.010 025 Titanium EPA 200.7 EPA 200.7 109.010 026 Vanadium 109.010 027 EPA 200.7 Zinc 109.020 001 Aluminum EPA 200.8 **EPA 200.8** 109.020 002 Antimony 003 **EPA 200.8** 109.020 Arsenic 109.020 004 **EPA 200.8** Barium **EPA 200.8** 005 109.020 Beryllium 109.020 **EPA 200.8** 006 Cadmium 007 **EPA 200.8** 109.020 Chromium 800 **EPA 200.8** 109.020 Cobalt 109.020 009 **EPA 200.8** Copper 109.020 010 **EPA 200.8** Lead **EPA 200.8** 109.020 011 Manganese 109.020 012 Molybdenum EPA 200.8 109.020 013 **EPA 200.8** Nickel 109.020 014 Selenium EPA 200.8 109.020 015 Silver EPA 200.8 109.020 016 Thallium EPA 200.8 109.020 017 Vanadium EPA 200.8 109.020 018 Zinc EPA 200.8 EPA 200.8 109.020 020 Gold EPA 200.8 109.020 021 Iron **EPA 200.8** 022 109.020 Tin 109.020 023 Titanium EPA 200.8 109.104 001 Chromium (VI) EPA 218.6 109.190 001 Mercury EPA 245.1 109.192 001 Mercury EPA 245.7 109.361 001 **EPA 1631E** Mercury 109.811 001 Chromium (VI) SM3500-Cr D (18th/19th) Field of Testing: 110 - Volatile Organic Chemistry of Wastewater 110.040 000 **EPA 624** Purgeable Organic Compounds Field of Testing: 111 - Semi-volatile Organic Chemistry of Wastewater 111.100 000 Acid/base/neutral Organic Compounds **EPA 625** 111.101 000 Pesticides & PCBs **EPA 625** 111.101 033 Adipates EPA 625 111.101 034 Phthalates **EPA 625**

Certificate No Renew Date: 3/31/2016

1132

		·
111.101 036	Other Extractables	EPA 625
111.103 000	Nitrosamines	EPA 625
111.120 048	N-nitrosodimethylamine	EPA 1625B
111.170 030	Pesticides & PCBs	EPA 608
111.210 000	Carbamates	EPA 632
111.210 006	Diuron	EPA 632
Field of Testing	g: 112 - Radiochemistry of Wastewater	
112.010 001	Gross Alpha and Beta Radiation	EPA 900.0
	g: 114 - Inorganic Chemistry of Hazardous Wast	
114.010 001	Antimony	EPA 6010B
114.010 002	Arsenic	EPA 6010B
114.010 003	Barium	EPA 6010B
114.010 004	Beryllium	EPA 6010B
114.010 005	Cadmium	EPA 6010B
114.010 006	Chromium	EPA 6010B
114.010 007	Cobalt	EPA 6010B
114.010 008	Copper	EPA 6010B
114.010 009	Lead	EPA 6010B
114.010 010	Molybdenum	EPA 6010B
114.010 011	Nickel	EPA 6010B
114.010 012	Selenium	EPA 6010B
114.010 013	Silver	EPA 6010B
114.010 014	Thallium	EPA 6010B
114.010 015	Vanadium	EPA 6010B
114.010 016	Zinc .	EPA 6010B
114.020 001	Antimony	EPA 6020
114.020 002	Arsenic	EPA 6020
114.020 003	Barium	EPA 6020
114.020 004	Beryllium	EPA 6020
114.020 005	Cadmium	EPA 6020
114.020 006	Chromium	EPA 6020
114.020 007	Cobalt	EPA 6020
114.020 008	Copper	EPA 6020
114.020 009	Lead	EPA 6020
114.020 010	Molybdenum	EPA 6020
114.020 011	Nickel	EPA 6020
114.020 012	Selenium	EPA 6020
114.020 013	Silver	EPA 6020
114.020 014	Thallium	EPA 6020
114.020 015	Vanadium	EPA 6020
114.020 016	Zinc	EPA 6020
114.103 001	Chromium (VI)	EPA 7196A
114.106 001	Chromium (VI)	EPA 7199
114.140 001	Mercury	EPA 7470A
114.141 001	Mercury	EPA 7471A
114.222 001	Cyanide	EPA 9014

Certificate No Renew Date: 3/31/2016

1132

114.000	004	Culfidae Tatal	EDA 0024
******	001	Sulfides, Total	EPA 9034
	001	Fluoride	EPA 9056
Field of T	esting	: 115 - Extraction Test of Hazardous Waste	
115.020	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II
115.040	001	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312
Field of T	esting	: 116 - Volatile Organic Chemistry of Hazardous	Waste
116.020	030	Nonhalogenated Volatiles	EPA 8015B
	031	Ethanol and Methanol	EPA 8015B
	001	Gasoline-range Organics	EPA 8015B
	000	Volatile Organic Compounds	EPA 8260B
116.090	000	Acrylamide, Acrylonitrile, Acrolein	EPA 8316
116.100	001	Total Petroleum Hydrocarbons - Gasoline	LUFT GC/MS
116.100	010	BTEX and MTBE	LUFT GC/MS
Field of T	octing	: 117 - Semi-volatile Organic Chemistry of Haza	rdous Wasta
117.010		Diesel-range Total Petroleum Hydrocarbons	EPA 8015B
	000	Extractable Organics	EPA 8270C
	025	Carbazole	EPA 8270C
	080	2-Methyl-4,6-dinitrophenol	EPA 8270C
	054	Parathion Ethyl	EPA 8270C
	055	Parathion Methyl	EPA 8270C
	058	Sulfotepp	EPA 8270C
	059	Tepp'	EPA 8270C
	070	PCBs	EPA 8270C
	071	Pesticides	EPA 8270C
	074	Adipates	EPA 8270C
	076	Other Extractables	EPA 8270C
	000	Carbonyl Compounds	EPA 8315A
	000	Nitroaromatics and Nitramines	EPA 8330A
	000	Pesticides & PCBs	EPA 8081A
	000	PCBs	EPA 8082
	000	Organophosphorus Pesticides	EPA 8141A
	000	Chlorinated Herbicides	EPA 8151A
117.270		Carbamates, N-methylcarbamates	EPA 8318
Field of T	esting	: 120 - Physical Properties of Hazardous Waste	
120.010	001	Ignitability	EPA 1010 .
120.070	001	Corrosivity - pH Determination	EPA 9040B
120.080	001	Corrosivity - pH Determination	EPA 9045C
Field of T	esting	: 126 - Microbiology of Recreational Water	
126.010	001	Total Coliform (Enumeration)	SM9221A,B,C
	001	Total Coliform (Enumeration)	SM9222A,B
	001	Fecal Coliform (Enumeration)	SM9221E-2006
	001	Fecal Coliform (Enumeration)	SM9222D
	001	Total Coliform and E. coli	SM9223
	001	Enterococci	EPA 1600

Weck Laboratories, Inc.

Certificate No

Renew Date: 3/31/2016

126.080 001

Enterococci

IDEXX

Analytical Laboratory Service - Since 1964

Certificate of Analysis

Report Date: 10/20/14 14:06 Received Date: 10/07/14 12:50

Client: Water Investigations

848 N. Rainbow Blvd., #122 Las Vegas, NV 89107

Turnaround Time: 6 workdays

Fax:

Phone: Personal Privacy 6

Attn: Personal Pri

Project: Arsenic Testing

P.O.#:

Dear Personal Privacy 6

Enclosed are the results of analyses for samples received 10/7/2014 with the Chain of Custody document. The samples were received in good condition, at 1.3 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Work Order No: 4J07046-01 Sampled by: Personal Privacy 6		D: #16 Bro ampled: 10/			x: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analysi	Batch
Arsenic, Total	120		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:03	ut	W4J0456
Work Order No: 4J07046-02 Sampled by: Personal Priv		D: Ken Nita empled: 10/			Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
enic, Total	76		ug/i	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:08	пt	W4J0456
Sampled by: Personal Privacy 6	Sample li Sa	D: #39 Jen impled: 10/0	kins)4/14 13:00	*******	ix: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	3.9		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:12	m	W4J0456
Work Order No: 4,107046-04 Sampled by:		D: #13 Cort impled: 10/0			: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	
Arsenic, Total	4.8		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:29	пl	W4J0456
Work Order No: 4J07046-05 Sampled by: Personal Privacy 6		D: #28 Cha mpled: 10/0	ries Matthies 14/14 14:30		Mat ple Note:	rix: Water				
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	210		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:34	ml ,	W4J0456
Work Order No: 4J07046-06 Sampled by: Personal Privacy 6		0; #37 Ram mpled: 10/0		****	ix: Water ole Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	11		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:38	πi	W4J0456
Work Order No: 4J07048-07 Sampled by: Personal Privacy 6): #51 Rebo mpled: 10/0			rix: Water ole Note:					
	Result	Qualifier	Units	RL	Dil	Method	December	Anahand	Analyst	Batch
Analyte	Kesuk	Cannie.	·	KL.	Ulli	Method	Prepared	Analyzed	windiase	Dawii

Lab#: 4J07046-08



Analytical Laboratory Service - Since 1964

Certificate of Analysis

sk Order No: 4J07046-08 Sampled by: Personal Privacy 6

Sample ID: #57 Ornelas Sampled: 10/04/14 12:10

Matrix: Water Sample Note:

Analyte	Result	Qualifier	Units	RL	DII	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	140		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 16:00	ពា	W4J0456

Case Narrative:

Authorized Signature







FLAP # 1132 LACSD # 10143 NELAC # 04229CA

Contact: Kim G Tu (Project Manager)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Weck Laboratories certifies that the test results meet all requirements of NELAC unless noted in the Case Narrative. This analytical report must be reproduced in its entirety.

Notes:

The Chain of Custody document is part of the analytical report.

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance. All results are expressed on wet weight basis unless otherwise specified.

= NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL)

= Not Reportable

ub = Subcontracted analysis, original report enclosed.

An Absence of Total Coliform meets the drinking water standards as established by the State of California Department of Health Services . The Reporting Limit (RL) is referenced as laboratory's Practical Quantitation Limit (PQL). For Potable water analysis, the Reporting Limit (RL) is referenced as Detection Limit for reporting purposes (DLRs) defined by EPA.

If sample collected by Weck Laboratories, sampled in accordance to lab SOP MIS002

4J07046-08 Lab#:





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Western Environmental Testing Laboratory

475 East Greg Street, # 119 Sparks, NV 89431

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 2523

Expiration Date: 11/30/2016

Effective Date: 12/1/2014

Richmond, California subject to forfeiture or revocation

Christine Sotelo, Chief

Environmental Laboratory Accreditation Program



Specializing in Soil, Hazardous Waste and Water Analysis

OrderID:

1/8/2015

Contaminated Realty 848 N. Rainbow Blvd. #1422 Las Vegas, NV 89107

Attn:

Personal Priva

Dear:

Personal Privacy 6

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, online edition, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 12/23/2014. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith QA Manager

Page 1 of 5

Western Environmental Testing Laboratory **Report Comments**

Contaminated Realty - 1411453

General Comments

None

Specific Comments

None

Per method recommendation (section 4.4), Samples analyzed by methods EPA 300.0 and EPA 300.1 have been filtered prior to analysis.

Report Legend

В		Blank contamination; Analyte detected above the method reporting limit in an associated blank
HT		Sample analyzed beyond the accepted holding time
J	_	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
M	_	Reported value is estimated; The sample matrix interfered with the analysis
N	_	There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
NC	-	Not calculated due to matrix interference
Q	_	Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
S	-	Surrogate recovery was outside of laboratory acceptance limits due to matrix interference. The associated blank and LCS surrogate recovery was within acceptance limits
SC		Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately

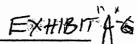
recovered

Western Environmental Testing Laboratory QC Report

. . .

QCBatchID QCType Param	eter Meth	od R	esult	Units			
QC15010189 Blank 1 Arsenic	EPA 2	200.8 0.	0015	mg/L			
QCBatchID QCType Param	eter Meth	od R	esult	Actual	% Recovery	Units	
QC15010189 LCS 1 Arsenic	EPA 2	200.8 0.	0528	0.050	106	mg/L	
QCBatchID QCType Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Spike Result Value	MS S Units Rec.	% MSD % Rec. RPI
QC15010189 MS 1 Arsenic	EPA 200.8	1412779-001	ND	0.0536	0.0536 0.05	0 mg/L 103	3 103 <1%
.Customer Sample ID:	rivacy 6				Receive Date:	12/16/2014 10 12/23/2014 13	
Analyte	Method	Results	Units		DF RL	Analyzed	LabID
Trace Metals by ICP-MS Arsenic Sample Preparation	EPA 200.8	24	μg/L		1 1.0	1/6/2015	NV00925
Trace Metals Digestion	EPA 200.2	Complete			1	1/6/2015	NV00925
Customer Sample ID:	vac			C	ollect Date/Time:	12/16/2014 14	:00
WETLAB Sample ID: 141276	51-003				Receive Date:	12/23/2014 13	:10
Analyte	Method	Results	Units		DF RL	Analyzed	LabID
Trace Metals by ICP-MS Arsenic Sample Preparation	EPA 200.8	740	μg/L		1 1.0	1/6/2015	NV00925
Trace Metals Digestion	EPA 200.2	Complete			1	1/6/2015	NV00925
Customer Sample ID: Personal Pri WETLAB Sample ID: 141276				C	ollect Date/Time: Receive Date:	12/16/2014 08 12/23/2014 13	
Analyte	Method	Results	Units		DF RL	Analyzed	LabID
Trace Metals by ICP-MS Arsenic Sample Preparation	EPA 200.8	37	μg/L		1 1.0	1/6/2015	NV00925
Trace Metals Digestion	EPA 200.2	Complete			1	1/6/2015	NV00925

DF=Dilution Factor, RL=Reporting Limit, ND=Not Detected or <RL







ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Weck Laboratories, Inc.

Weck Analytical Environmental Services

14859 East Clark Avenue

City of Industry, CA 91745

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

> This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1132

Expiration Date: 03/31/2016

Effective Date: 04/01/2014

Richmond, California subject to forfeiture or revocation David Mazzera, Ph.D., Assistant Division Chief

Division of Drinking Water and Environmental Management

Analytical Laboratory Service - Since 1964

Certificate of Analysis

Report Date: 10/20/14 14:06 **Received Date:** 10/07/14 12:50

Client: Water Investigations

848 N. Rainbow Blvd., #122

Las Vegas, NV 89107

Turnaround Time: 6 workdays

Phone:

Personal Privacy 6

Fax:

P.O.#:

Attn: Personal Privacy 6

Project: Arsenic Testing

Dear Jack Rosen:

Enclosed are the results of analyses for samples received 10/7/2014 with the Chain of Custody document. The samples were received in good condition, at 1.3 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Work Order No: 4J07046-01 Sampled by: Personal Privacy 6	Sample ID San		wn 04/14 10:00		x: Water ple Note:					
Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	120		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:03	пf	W4J0456
Work Order No: 4J07046-02 Sampled by: Personal Privacy 6	Sample ID: San		o 14/14 11:30		Water ple Note:					
Analyte	Result (Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	76		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:08	пi	W4J0456
Work Order No: 4J07046-03 Sampled by: Personal Privacy 6	Sample ID: Sam		kins 4/14 13:00		ix: Water ple Note:					
Analyte	Result (Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	3.9		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:12	пf	W4J0456
Work Order No: 4J07046-04 Sampled by: Personal Privacy 6	Sample ID: Sam		oy 4/14 13:30		: Water ple Note:					
Analyte	Result (Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	4.8		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:29	пf	W4J0456
Work Order No: 4J07046-05 Sampled by: Personal Privacy 6		#28 Chai pled: 10/0	rles Matthies 4/14 14:30		Mat ple Note:	rix: Water				
Analyte	Result C	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	210		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:34	m	W4J0456
Work Order No: 4J07046-06 Sampled by: Personal Privacy 6	Sample ID: Sam	#37 Ram pled: 10/0			ix: Water ole Note:					
Analyte	Result C	ualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	11		ug/l	0.40	· 1	EPA 200.8	10/09/14 10:20	10/16/14 15:38	пf	W4J0456
Work Order No: 4J07046-07 Sampled by: Personal Privacy 6	Sample ID: Sam	#51 Rebe			rix: Water ole Note:					
Analyte	Result C	ualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Arsenic, Total	38		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 15:55	щ	W4J 0456
							1			

CONTINUE - See page 1

Lab#: 4J07046-08

Page 1 of 2



Analytical Laboratory Service - Since 1964

Certificate of Analysis

ork Order No: 4J07046-08 impled by: Personal Privacy 6 Sample ID: #57 Ornelas Sampled: 10/04/14 12:10 Matrix: Water Sample Note:

nalyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
senic, Total	140		ug/l	0.40	1	EPA 200.8	10/09/14 10:20	10/16/14 16:00	rrf	W4J0456

Case Narrative:

Kin Le

Authorized Signature









ELAP # 1132 LACSD # 10143 NELAC # 04229CA

Contact: Kim G Tu (Project Manager)

4,107046-08

Lab#

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Weck Laboratories certifies that the test results meet all requirements of NELAC unless noted in the Case Narrative. This analytical report must be reproduced in its entirety.

Notes:

The Chain of Custody document is part of the analytical report.

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance. All results are expressed on wet weight basis unless otherwise specified.

ND = NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL)

NR = Not Reportable

Sub = Subcontracted analysis, original report enclosed.

An Absence of Total Coliform meets the drinking water standards as established by the State of California Department of Health Services. The Reporting Limit (RL) is referenced as laboratory's Practical Quantitation Limit (PQL).

For Potable water analysis, the Reporting Limit (RL) is referenced as Detection Limit for reporting purposes (DLRs) defined by EPA.

If sample collected by Weck Laboratories, sampled in accordance to lab SOP MIS002

Page 2 of 2





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Clinical Laboratory of San Bernardino, Inc.

. 21881 Barton Road Grand Terrace, CA 92313

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

> This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.:

1088

Expiration Date: 01/31/2016

Effective Date: 02/01/2014

Richmond, California subject to forfeiture or revocation David Mazzera, Ph.D., Assistant Division Chief

Division of Drinking Water and Environmental Management

Clinical Laboratory of San Bernardino, Inc.



	Personal Privacy 6		Proie	ct: Routine				Work Order: 14H0183	
	25633 Anderson Ave		-	t Toxic Tort T	owns / Hinkley			Received: 08/04/14 17:05	5
	Barstow CA, 92311		-	Personal Privacy				Reported: 08/19/14	
	TOLEDO	*	14H0183-08 (Wate		Sample Date	07/26/14	16-20	Sampler: Nick Panchev	
	TOLEDO		14110103-00 (1120		Sample Date	- 07/2014	15.50	Sample: The labels	
	Analyte	Method	Result Unit	s Rep. Limit	MCL	Prepared	Analyzed	Batch Qualifier	\sqcup
	<u>Metals</u>								
	Arsenic (As)	SM3113-B	19 ug/	L 2.0	10	08/11/14	08/11/14	1433025	
				-		078044	10.00	Porcepul Privacy 6	
	Personal Privacy 6.		14H0183-09 (Wate	er)	Sample Date	: 0//30/14	18:05	Sampler: Personal Privacy 6	
	Analyte	Method	Result Unit	Rep. Limit	MCL	Prepared	Analyzed	Batch Qualifier	
	M								
	Metals	01.00112.D			10	00/15/14	00/10/14	1422504	
	Arsenic (As)	SM3113-B	279 ug/	L 20	10	08/15/14	08/18/14	1433586	
	Personal Privacy 6		14H0183-10 (Wate	r)	Sample Date	: 07/30/14	14:00	Sampler: Personal Privacy 6	
	Analyte	Method	Result Units	Rep. Limit	MCL	Prepared	Analyzed	Batch Qualifier	╛
	Metals						00/10/14	1/22/06	
	Arsenic (As)	SM3113-B	350 ug/l	_ 20	10	08/15/14	08/18/14	1433586	
	Personal Privacy 6		1 (Wate	r)	Sample Date:	07/30/14	14:30	Personal Privacy 6	_
	Analyte	Method	Result Units	Rep. Limit	MCL	Prepared	Analyzed	Betch Qualifier	
	Madala								
	Metals	SM3113-B	ND ug/L	. 2.0	10	08/11/14	08/11/14	1433025	
	Arsenic (As)	2MD112-B	ND ug/I	, 2.0	10	00/11/14	00/11/14	1433022	
ĺ	AIN		14H0183-12 (Wate	r)	Sample Date:	07/30/14	16:30 S	Personal Privacy 6	_
1	t-shap	Method	Result Units	Rep. Limit	MCL	Prepared	Analyzed	Batch Qualifier	_
,	Metals								
•	Arsenic (As)	SM3113-B	14 0 ug/L	, 20	10	08/15/14	08/18/14	1433586	
	. ,								
J	Personal Privacy 6		14H0183-13 (Water	r)	Sample Date:	07/31/14	10:00 S	Personal Privacy 6	_
	Analyte	Method	Result Units	Rep. Limit	MCL	Prepared	Analyzed	Batch Qualifier	
1	Metals								
•	Arsenic (As)	SM3113-B	66 ug/L	4.0	10	08/15/14	08/18/14	1433586	
P	Personal Privacy 6		14H0183-14 (Water	-)	Sample Date:	07/31/14	10:30 S	Ampler: Personal Privacy 6	
ſ	Analyte	Method	Result Units	Rep. Limit	MCL	Prepared	Analyzed	Batch Qualifier	٦
Ì			Table Cilis	awy. amm				Kunting	
]	Metals								
	Arsenic (As)	SM3113-B	47 0 ug/L	. 20	10	08/15/14	08/18/14	1433586	
	•								

Post Office Box 329 San Bernardino, CA 92402 (909) 825-7693 Fax (909) 825-7696 ELAP Number 1088

47/2-8 47/2-8 44/2-3. 4-27/12-8





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Clinical Laboratory of San Bernardino, Inc.

21881 Barton Road Grand Terrace, CA 92313

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

> This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.:

1088

Expiration Date: 01/31/2016

Effective Date: 02/01/2014

Richmond, California subject to forfeiture or revocation David Mazzera, Ph.D., Assistant Division Chief

Division of Drinking Water and Environmental Management

Clinical Laboratory of San Bernardino, Inc.



_										
	Personal Privacy 6									
	Barstow CA, 92311				Toxic Tort To Personal Privacy 6	owns / Hinkley			Received: Reported:	08/04/14 17:05 08/19/14
)		riojeci	Manager.					reported.	00/19/14
	TOLEDO		14H0183-0	98 (Water)		Sample Date	e: 07/26/14	15:30	Sampler:	Personal Privacy 6
	Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
	<u>Metals</u>									
	Arsenic (As)	SM3113-B	19	ug/L	2.0	10	08/11/14	08/11/14	143302	s
	Personal Privacy 6		14H0183-0	9 (Water)		Sample Date	e: 07/30/14	18:05	Sampler:	Personal Privacy 6
	Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
	Metals									
	Arsenic (As)	SM3113-B	270	ug/L	20	10	08/15/14	08/18/14	1433586	5
	Personal Privacy 6				•					
	Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
1	Metals									•
•	Arsenic (As)	SM3113-B	350	ug/L	20	10	08/15/14	08/18/14	1433586	;
f	Personal Privacy 6		14H0183-11	(Water)		Sample Date:	07/30/14	14:30 8	Sampler:	Personal Privacy 6
1	Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
Pé	ak									
ı	senic (As)	SM3113-B	ND	ug/L	2.0	10	08/11/14	08/11/14	1433025	
ı	IN		14H0183-12	(Water)		Sample Date:	07/30/14	16:30 S	ampler:	Personal Privacy 6
ı	alyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
7	Metals									
_	Arsenic (As)	SM3113-B	149	ug/L	20	10	08/15/14	08/18/14	1433586	
	Personal Privacy 6		14H0183-13	(Water)		Sample Date:	07/31/14	10:00 S	ampler:	Personal Privacy 6
	Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
<u>.</u>	Aetals									
_	Arsenic (As)	SM3113-B	66	ug/L	4.0	10	08/15/14	08/18/14	1433586	
Pe	ersonal Privacy 6		1 4H0 183-14	(Water)		Sample Date:	07/31/14	10:30 S	ampler:	ersonal Privacy 6
Γ	Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
_	fabile.									
_	<u>Arsenic (As)</u>	SM3113-B	476	ug/L	20	10	08/15/14	08/18/14	1433586	
	·			-0-						

Post Office Box 329 San Bernardino, CA 92402 (909) 825-7693 Fax (909) 825-7696 ELAP Number 1088

Exhibit "A"

EXHIBI 7-7/L-8 = 44/L-3 L-27/1-3





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Weck Laboratories, Inc.

Weck Analytical Environmental Services

14859 East Clark Avenue City of Industry, CA 91745

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seg. of the Health and Safety Code.

Certificate No.:

1132

Expiration Date: 03/31/2016

Effective Date: 04/01/2014

Richmond, California subject to forfeiture or revocation David Mazzera, Ph.D., Assistant Division Chief

Division of Drinking Water and Environmental Management



Certificate of Analysis

Analytical Laboratory Service - Since 1964

Report Date: 09/09/14 08:37 **Received Date:** 08/28/14 13:32

Client: Water Investigations

848 N. Rainbow Blvd., #122 Las Vegas, NV 89107 Turnaround Time: Normal

Phone: Personal Privacy 6

Attn: Personal Privacy 6

Fax:

Project:

P.O.#:

Dear Personal Privacy 6

Enclosed are the results of analyses for samples received 8/28/2014 with the Chain of Custody document. The samples were received in good condition, at 4.9 °C. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Work Order No: 4H28040-01 Sample ID: Chromium (VI) #7 Matrix: Water Sampled by: Sampled: 08/27/14 16:20 Sample Note: Units Analyte Result Qualifier RL Dil Method Analyst Batch Prepared Analyzed 0.30 EPA 218.6 09/03/14 10:00 09/03/14 15:37 cwh W4I0098 Chromium 6+ Sample ID: Uranium #7 Work Order No: 4H28040-02 Matrix: Water Sampled: 08/27/14 11:10 Sample Note: Sampled by: Units Analyte Result Qualifier RL Dil Method Prepared Analyzed Analyst Batch EPA 200.8 09/04/14 12:13 09/08/14 14:40 m W4I0209 Uranium, Total. ug/l Work Order No: 4H28040-03 Sample ID: Uranium #19 Matrix: Water Sample Note: Sampled: 08/27/14 11:30 Sampled by: Units Qualifier RL Dil Method Prepared Analyzed Analyst Batch Analyte Result 09/08/14 14:42 W410209 09/04/14 12:13 mi 0.20 1 EPA 200.8 Uranium, Total ua/l Sample ID: Uranium #38 Matrix: Water Work Order No: 4H28040-04 Sampled: 08/27/14 11:50 Sample Note: Sampled by: Personal Privacy Units Qualifier RL Dil Method Prepared Analyzed Analyst **Batch** Result Analyte EPA 200.8 09/04/14 12:13 09/08/14 14:45 W410209 0.20 Uranium, Total. Matrix: Water Work Order No: 4H28040-05 Sample ID: Uranium #39 Sampled by: Sampled: 08/27/14 12:15 Sample Note: Units Analyzed Analyst Batch Qualifier RL Dil Method Prepared Analyte Result 09/04/14 12:13 09/08/14 14:47 щ W4I0209 EPA 200.8 Uranium, Total 0.20 ug/l Matrix: Water Work Order No: 4H28040-06 Sample ID: Uranium #28 Sampled: 08/27/14 12:35 Sample Note: Sampled by: Units Analyst Batch Qualifier RI Dil Method Analyzed Analyte Result Prepared 09/04/14 12:13 09/08/14 14:59 W4I0209 0.20 EPA 200.8 Uranium, Total ug/l Work Order No: 4H28040-07 Sample ID: Uranium #21 Matrix: Water Sampled by Pe Sampled: 08/27/14 13:00 Sample Note: Units Analyte Qualifier Dil Batch Result Method Analyzed Analyst RL Prepared 09/04/14 12:13 09/08/14 15:14 W4I0209 EPA 200.8 Uranium, Total. m30 0.20 1 ug/l

Lab#: 4H28040-09

Page 1 of 2





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

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Western Environmental Testing Laboratory

475 East Greg Street, # 119 Sparks, NV 89431

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> This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 2523

Expiration Date: 11/30/2016

Effective Date: 12/1/2014

Richmond, California subject to forfeiture or revocation Christine Sotelo, Chief

Environmental Laboratory Accreditation Program

Contaminated Realty - 1411453

Western Environmental Testing Laboratory Analytical Report

Contaminated Realty

848 N. Rainbow Blvd. #1422

Las Vegas, NV 89107

Attn: Personal Privacy 6

Phone: (702) 301-4167 Fax:

PO\Project: 31411074/TOSIC TORT TOWNS

Date Printed:

12/5/2014

OrderID:

1411453

PO\Project: 314110	074/TOSIC TO	RT TOWNS							
Customer Sample ID:	Personal Privacy 6					Collect	Date/Time:	11/13/2014	13:05
WETLAB Sample ID:	1411453-001					R	eceive Date:	11/17/2014	15:00
Analyte		Method	 Results	Units		DF	RL	Analyzed	LabID
Trace Metals by ICP-N	<u> </u>								
Arsenic		EPA 200.8	57	μg/L		1	1.0	12/1/2014	NV00925
Sample Preparation									
Trace Metals Digestion		EPA 200.2	Complete			1		12/1/2014	NV00925
Customer Sample ID:	Persona	al Privacy 6			(Collect	Date/Time:	11/13/2014	13:30
WETLAB Sample ID:	1411453-002					Re	ceive Date:	11/17/2014	15:00
Analyte		Method	Results	Units		DF	RL	Analyzed	LabID
Trace Metals by ICP-M	<u>is</u>								
Arsenic		EPA 200.8	46	μg/L		1	1.0	12/1/2014	NV00925
Sample Preparation									
Trace Metals Digestion		EPA 200.2	 Complete			1		12/1/2014	NV00925
Customer Sample ID:	Personal Privacy 6				c	Collect l	Date/Time:	11/13/2014	14:00
WETLAB Sample ID:	1411453-003					Re	ceive Date:	11/17/2014	15:00
Analyte		Method	Results	Units		DF	RL	Analyzed	LabID
Trace Metals by ICP-M	s								
Arsenic		EPA 200.8	9.8	μg/L		1	1.0	12/1/2014	NV00925
Sample Preparation						•			
Trace Metals Digestion		EPA 200.2	Complete			1		12/1/2014	NV00925
Customer Sample ID:	Personal Privac	y 6			C	oliect I	Date/Time:	11/13/2014	5:00
WETLAB Sample ID:	1411453-004					Rec	eive Date:	11/17/2014 1	5:00
Analyte		Method	Results	Units		DF	RL	Analyzed	LabID
Trace Metals by ICP-M	S						,		
Arsenic		EPA 200.8	19	μ g/L		1	1.0	12/1/2014	NV00925
Sample Preparation									

DF=Dilution Factor, RL=Reporting Limit, ND=Not Detected or <RL

Page 3 of 5

55-4-14-5 475-E. Grag Steet, Suite 118 Spaints, Heysias 89431 bit (775) 855-9262 to: 0775) 825-6817 EPALAG ID: NAUDS25 - ELAP No: 2523 ELKO 1004 Lamellie Hwy Elko, Nevada 89001 tel (779) 777-9933 fax (779) 777-9933 LAS VEGAS
3250 Potents Ave. Suite 4
Las Vegas, Newsda 55162
tel \$702, 475-6566
for (702) 622-2369
EPALAS ID: NV00932

#) H





ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

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Western Environmental Testing Laboratory

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Certificate No.: 2523

Expiration Date: 11/30/2016

Effective Date: 12/1/2014

Richmond, California subject to forfeiture or revocation Christine Sotelo, Chief

Environmental Laboratory Accreditation Program

Contaminated Realty - 1411054 гd Personal Privacy 6 Collect Date/Time: 11/1/2014 13:45 Customer Sample ID: WETLAB Sample ID: 1411054-005 Receive Date: 11/3/2014 11:45 Method Analyte Results Units DF RL Analyzed LabiD Trace Metals by ICP-MS Arsenio **EPA 200.8** 210 ا/وµ 1.0 11/14/2014 NV00925 Sample Preparation Trace Metals Digestion EPA 200.2 11/12/2014 NV00925 Complete Personal Privacy 6 Customer Sample ID: Collect Date/Time: 11/1/2014 14:40 WETLAB Sample ID: 1411054-008 Receive Date: 11/3/2014 11:45 Method Analyte DF RL LabiD Results Units Analyzed Trace Metals by ICP-MS **EPA 200.8** Arsenic 80 NV00925 μg/L 1 1.0 11/14/2014 Sample Preparation Trace Metals Digestion EPA 200.2 11/12/2014 NV00925 1 Complete Collect Date/Time: 11/1/2014 16:40 Customer Sample ID: WETLAB Sample ID: 1411054-012 Receive Date: 11/3/2014 11:45 LabID Analyte Method Results Units DF RL Analyzed Trace Metals by ICP-MS 11/14/2014 NV00925 EPA 200.8 1.0 Arsenio 150 μg/L 1 Sample Preparation NV00925 11/12/2014 Trace Metals Digestion EPA 200.2 Complete Collect Date/Time: 11/1/2014 18:00 Personal Privacy 6 Customer Sample ID: WETLAB Sample ID: 1411054-013 Receive Date: 11/3/2014 11:45 LabID DF RL Analyzed Method Units Analyte Results

Trace Metals by ICP-MS NV00925 11/14/2014 1.0 Arsenic **EPA 200.8** μg/L 1 Sample Preparation 11/12/2014 NV00925 EPA 200.2 1 Trace Metals Digestion Complete

Collect Date/Time: 11/1/2014 17:30 Customer Sample ID:

WETLAB Sample ID: Receive Date: 11/3/2014 11:45 1411054-014

LabID Method DF RL Analyzed Results Units Analyte Trace Metals by ICP-MS μg/L Arsenic **EPA 200.8** 58 1.0 11/14/2014 NV00925 Sample Preparation EPA 200.2 11/12/2014 NV00925 Trace Metals Digestion Complete 1

DF=Dilution Factor, RL=Reporting Limit, ND=Not Detected or <RL

Page 5 of 6

SPARKS 475 E. Greg Street, Suite 119 Sparks, Nevada 89431 tel (775) 355-0202 tax (775) 356-0817 EPA LAB ID: NV00925 - ELAP No: 2523

ELKO 1084 Lamoille Hwy Elko, Nevada 69801 tel (775) 777-9933 fax (775) 777-9933 EPA LAB ID: NV00926 LAS VEGAS 3230 Polaris Ave. Suite 4 Las Vegas, Nevada 89102 tel (702) 475-8899 fax (702) 622-2868 EPA LAB ID: NVD0932







ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

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Western Environmental Testing Laboratory

475 East Greg Street, # 119 Sparks, NV 89431

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This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 2523

Expiration Date: 11/30/2016

Effective Date: 12/1/2014

Richmond, California subject to forfeiture or revocation

Christine Sotelo, Chief

Environmental Laboratory Accreditation Program

Customer Sample ID:

rsonal Privacy 6

WETLAB Sample ID:

1411054-005

Collect Date/Time: 11/1/2014 13:45

Receive Date: 11/3/2014 11:45

Analyte	Method	Results	Units	DF	RL	Analyzed	LabiD
Trace Metals by ICP-MS							
Arsenic	EPA 200.8	210	μg/L	Ī	1.0	11/14/2014	NV00925
Sample Preparation							
Trace Metals Digestion	EPA 200.2	Complete		ł	•	11/12/2014	NV00925

Customer Sample ID:

Personal Privacy 6

Collect Date/Time: 11/1/2014 14:40

WETLAB Sample ID:	141 1054-008				R	eccive Dat	e: 11/3/2014 11:	45
Analyte		Method	Results	s Units	DF	RL	Analyzed	LabID
Trace Metals by ICP-MS	i							
Arsenic		EPA 200.8	80	μg/L	1	1.0	11/14/2014	NV00925
Sample Preparation								
Trace Metals Digestion		EPA 200.2	Comple	ate	1		11/12/2014	NV00925
Customer Sample ID:	Personal Pr	ivacy 6		٠.	Collect	Date/Time	e: 11/1/2014 16:	40
WETLAB Sample ID:	1411054-012			·	R	eceive Dat	e: 11/3/2014 11:	45
Analyte		Method	Results	s Units	DF	RL	Analyzed	LabID
Trace Metals by ICP-MS	3							
Arsenic		EPA 200.8	150	μ g /Ľ	1	1.0	11/14/2014	NV00925
Sample Preparation								
Trace Metals Digestion		EPA 200.2	Comple	te	1		11/12/2014	NV00925
Customer Sample ID:	Personal F	Privacy 6			Collect	Date/Time	: 11/1/2014 18:0	. 00
WETLAB Sample ID:	1411054-013				Re	eceive Date	± 11/3/2014 11:4	15
Analyte		Method	Results	Units	DF	RL	Analyzed	LabID
Trace Metals by ICP-MS								
Arsenic		EPA 200.8	14	μg/L	1	1.0	11/14/2014	NV00925
Sample Preparation							•	
Trace Metals Digestion		EPA 200.2	Complet	te	1		11/12/2014	NV00925
Customer Sample ID:	Personal Privacy 6				Collect	Date/Time	: 11/1/2014 17:3	0
WETLAB Sample ID:	1411054-014				Re	ceive Date	: 11/3/2014 11:4	5

DF=Dilution Factor, RL=Reporting Limit, ND=Not Detected or <RL

EPA 200.8

EPA 200.2

Page 5 of 6

NV00925

NV00925

SPARKS

Trace Metals by ICP-MS

Sample Preparation

Trace Metals Digestion

Arsenic

475 E. Greg Street, Suite 119 Sparks, Nevada 89431 tel (775) 355-0202 tax (775) 355-0817 EPA LAB ID: NV00925 - BLAP No: 2523 ELKO

58

Complete

μg/L

1084 Lamoille Hwy Elloo, Nevada 89801 tel (775) 777-9933 fax (775) 777-9933 EPA LAB ID: NV00926

LAS VEGAS

1.0

1

3230 Polaris Ave. Suite 4 Las Vegas, Nevada 89102 tel (702) 475-8699 fax (702) 622-2868 EPA LAB ID: NV00932 CuhibiT

11/14/2014

11/12/2014

	X		
		-	





Lahontan Regional Water Quality Control Board

May 27, 2015

Personal Privacy 6

The People of Hinkley
Personal Privacy 6
Barstow, CA 92311
Personal Privacy 6

Response to Correspondence Received Regarding Arsenic and Uranium in Hinkley, San Bernardino County

Water Board staff has received several pieces of recent correspondence from you: letters dated April 30 and May 7, 2015; and emails dated May 4 and May 6, 2015. This letter responds to comments and concerns in your correspondence.

I. ARSENIC AND URANIUM LEVELS IN DOMESTIC WELLS IN HINKLEY AREA

Your letters and emails express concerns related to arsenic and uranium levels in wells in the Hinkley area. You assert that PG&E's remedial actions have caused such constituents in the aquifer in the Hinkley area and that the Water Board has delayed disclosure of facts or intentionally concealed or failed to warn of facts (related to levels of arsenic and uranium in the Hinkley aquifer).

Water Board staff have disclosed and discussed arsenic and uranium data as we receive or become aware of it; for example, information on arsenic and uranium is disclosed in many publically-available documents produced by both the Water Board and PG&E. These documents are available online at the State Water Resources Control Board's Geotracker database at: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL0607111288

or the Lahontan Water Board PG&E Hinkley Cleanup Project webpage at: http://www.waterboards.ca.gov/lahontan/water_issues/projects/pge/index.shtml.

A partial listing of available documents includes:

 2013 Environmental Impact Report for Comprehensive Cleanup of Chromium in Groundwater (see, for example, section 3.1, Water Quality; Mitigation Measure WTR-MM-2b, "Water Supply Program for Wells Affected by Remedial Byproducts"; Mitigation Measure WTR-MM-5 "Investigate and Monitor TDS, Uranium and other Radionuclides in relation to Agricultural Treatment and Take

KIMBERLY COX, CHAIR | PATTY Z. KOUYOUMDJIAN, EXECUTIVE OFFICER

Contingency Actions"). Available at http://www.waterboards.ca.gov/lahontan/water issues/projects/pge/feir.shtml.

- Water Board Investigative Order No. R6V-2012-0057, Request for Uranium and Gross Alpha and Beta Data, issued to PG&E on November 2, 2012.
- Radionuclide Summary Report, dated November 30, 2012, submitted by PG&E in response to Investigative Order No. R6V-2012-0057.
- Agricultural Treatment Unit Waste Discharge Requirements (Board Order No. R6V-2014-0023) Groundwater Monitoring Reports, submitted quarterly by PG&E since November 2013, containing data on uranium (among other constituents) in domestic and monitoring wells and soils in Hinkley.
- In-situ remediation zone (IRZ) Groundwater Monitoring Reports, submitted quarterly by PG&E since 2006 containing data on arsenic (among other constituents) in monitoring wells in Hinkley. The most recent report from First Quarter 2015 states that arsenic did not exceed drinking water standards in IRZ monitoring wells.
- PG&E's amended October 5, 2012 Whole House Replacement Water Report, dated March 1, 2013, reporting arsenic and radionuclide sampling data for domestic wells in the replacement water program.
- Southern Agricultural Treatment Unit Water Quality, dated February 25, 2015, submitted by PG&E, reporting irrigation and receiving water quality, including for arsenic and uranium, at the new agricultural treatment units (ATUs) near the compressor station (see tables 1 and 2).

We require monitoring for arsenic and uranium in waste discharge permits issued to PG&E by the Water Board for its remediation activities. Both arsenic and uranium occur naturally in soils and rocks in the Hinkley area. A discussion of how naturally-occurring arsenic and uranium levels could be affected by PG&E's remediation actions, and what the Water Board requires of PG&E regarding monitoring, investigating, and mitigating any impacts to domestic wells, is provided below.

Uranium

As stated in the Environmental Impact Report (EIR) prepared for the Hinkley chromium groundwater cleanup project (see, for example, pages 3.1-41 through 43), uranium is not a constituent associated with PG&E's waste discharge (uranium or its byproducts were not and are not used by PG&E in its compressor station operations, nor is uranium added to the groundwater by PG&E as part of injection of ethanol, fresh water or other compounds). Uranium is a naturally occurring radioactive element in rocks, soil, water, and plants. Naturally occurring uranium (approximately 4 parts per million) has been found in rocks in a number of locations in the Mojave Desert. Uranium and other naturally occurring radioactive materials have been detected in the Mojave River

Groundwater Basin and are likely attributed to the mineralogy of the granitic rocks observed in the lower regional aquifer.

However, under the Water Board's regulatory authority, if PG&E's remediation actions could result in discharging naturally-occurring constituents to areas where they would not have migrated to otherwise (such as to ground, or to different portions of an aquifer such that domestic wells are impacted), then the Water Board can require PG&E to monitor, investigate and clean up those impacts. In 2011, during the development of the EIR. Water Board staff became aware of a study on groundwater pumping effects on uranium levels in the San Joaquin Valley of California. In that study, a possible link was found between increased pumping for summer agricultural irrigation and the mobilization of naturally-occurring uranium to deeper aguifers tapped by irrigation supply wells (Jurgens et al [2009]. Case Study: Effects of Groundwater Development on Uranium: Central Valley, California, USA. National Groundwater Association and U.S. Geological Survey, California Water Science Center). Around that time, PG&E sampled several newly-acquired irrigation wells north of Highway 58 for water quality constituents, including uranium and other radionuclides. The results were reported to the Water Board in agricultural unit monitoring reports and indicated concentrations of uranium above maximum contaminant levels.

Water Board staff responded to this information in three ways:

- 1) In the EIR, the Water Board identified this potential for mobilizing uranium due to agricultural pumping as a potentially significant and unavoidable impact (see impact WTR-2e discussion starting on EIR page 3.1-90), and specified investigation and monitoring to determine if this was in fact occurring, or could occur in the future due to PG&E's remediation actions (see associated mitigation measures discussion starting on EIR page 3.1-109, particularly mitigation measures WTR-MM-2, -2b,- 2c,- 4, and- 5).
- 2) To implement the EIR requirements for uranium, the Water Board issued the Agricultural Treatment Unit Waste Discharge Requirements (ATU permit) in March 2014 requiring PG&E to sample domestic, agricultural and monitoring wells near its remediation fields, as well as soils and plants in the fields, to determine if increases in uranium occur. If domestic wells near PG&E ATUs experience increases in uranium due to PG&E's remedial pumping, then PG&E must provide the well owners replacement water. If significant increases over baseline levels of uranium in soils are detected through required monitoring, then PG&E must propose an action plan to reduce those increases.

Further, PG&E is required to conduct an investigation of potential agricultural remediation byproducts, including uranium, to try to determine if its past agricultural treatment is affecting uranium levels (this is specified in the EIR's Mitigation Measure WTR-MM-5, which is also included as requirement in the ATU permit). If it is determined that agricultural treatment is affecting byproduct levels, then increased monitoring, replacement water for any affected wells, and restoration of water quality in the aquifer to pre-project levels following remediation are required.

It should be noted that remedial agricultural units operate exactly the same as non-remedial irrigated agricultural fields, which have existed in Hinkley since the 1920s. Thus, if it is shown that agricultural treatment is affecting uranium levels (by mobilizing natural uranium), then current agricultural activities (not related to PG&E's remediation) outside the chromium plume, as well as historical agricultural activities throughout Hinkley Valley, are also likely to have affected uranium levels.

3) The Water Board investigated uranium levels in the Hinkley aquifer through collection of existing data and through a November 12, 2012, request to PG&E for their information (Investigative Order No. R6V-2012-0057). In response to Order No. R6V-2012-0057, PG&E submitted a *Radionuclide Data Summary Report* on November 30, 2012 (available on Geotracker at http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL0607111288).

PG&E collected limited radionuclide groundwater samples for wells associated with agricultural irrigation supply, freshwater supply, and its domestic well sampling program. Data from agricultural unit supply wells and other sampling indicated total uranium levels of 25 to 59 pCi/L, 27 to 81 pCi/L for gross alpha and below 4 to 27 pCi/L for gross beta. Upper aquifer monitoring wells had total uranium levels from 3 to 32 pCi/L, 7 to 34 pCi/L for gross alpha and 6 to 9 pCi/L for gross beta. Lower aquifer monitoring wells had dissolved uranium levels from 1 to 2 pCi/L, 3 to 4 pCi/L for gross alpha and less than 4 to 5 pCi/L for gross beta.

Uranium data was also collected from sources other than PG&E. San Bernardino County Department of Public Health provided copies of sampling results for two Hinkley area water systems permitted by San Bernardino County in which uranium levels ranged from 4.5 to 21.4 pCi/L in 2011 and 2012 samples. The Maximum Contaminant Level (MCL) set for uranium is 20 pico curies per liter (pCi/L). The MCL for gross alpha is 15 pCi/L and for gross beta is 50 pCi/L.

To summarize, it is established by various sources that groundwater in the Mojave Desert and the Hinkley area contains uranium and other radionuclide levels that are above their respective MCLs, as you note in your correspondence. The Water Board has disclosed and discussed this information, and this information is readily publically available. However, the Water Board does not have information that uranium is the result of unauthorized waste discharges by PG&E or others. To the extent that PG&E's remediation actions may mobilize uranium to areas where it could impact domestic wells, the Water Board uses its regulatory authority to require monitoring and investigation, replacement water in some cases, and clean up or remediation, if needed.

Arsenic

Arsenic is also a naturally occurring element in Mojave Desert soils and groundwater. The US Geological Survey conducted sampling for various constituents in wells in the Mojave Water Agency management area from 1991 to 1997, including wells in the Hinkley area. Naturally-occurring arsenic concentrations in water from wells in the

western Mojave Desert commonly exceed 10 parts per billion (ppb) and some exceed 100 ppb. Along the Mojave River upgradient of the PG&E compressor station, the USGS study found arsenic in wells (up to 200 feet in depth) ranging from less than 1 ppb to 12 ppb with most concentrations under 10 ppb. North of Highway 58, the USGS study found arsenic in one well at a concentration of 52 ppb.

Water Board staff acknowledge that in-situ remediation actions (e.g., addition of ethanol to groundwater) conducted by PG&E in the area south of Highway 58 can temporarily mobilize naturally-occurring metals, including arsenic, into groundwater. Therefore, the Water Board, in its remediation permits issued to PG&E, requires monitoring and mitigation measures to ensure that such mobilization does not impact domestic wells, described below.

Starting in 2004, PG&E began pilot-testing in-situ zone (IRZ) remediation actions near its compressor station. Pilot testing involved the injection of two food-grade organic substrates (emulsified vegetable oil and sodium lactate) into groundwater to create conditions in which dissolved hexavalent chromium in groundwater is converted to solid trivalent chromium, effectively removing it from groundwater and sequestering it in aquifer sediments. The Water Board issued waste discharge permits for this pilot testing (and subsequent expanded-scale actions) in 2004, 2006 and 2008. These permits were accompanied by publically available environmental documents which disclosed that such injections would liberate and temporarily mobilize naturally-occurring metals such as arsenic, manganese and iron (called in-situ byproducts) from the aquifer soils, and specified extensive monitoring and mitigation measures to ensure that such byproducts would be contained within project boundaries and not reach domestic wells. The 2013 EIR also describes the potential for IRZ byproducts to increase in the aquifer temporarily (see impact discussion starting on EIR page 3.1-100).

As described above for uranium, if it is determined that IRZ byproducts such as arsenic may affect domestic wells, then replacement water for such wells, and restoration of water quality in the aquifer to pre-project levels in the future are required (see mitigation measures discussion starting on EIR page 3.1-109, particularly mitigation measures WTR-MM-2, -2b, -4, and -7).

Monitoring data from over six years of IRZ operation, including a byproducts investigation conducted in 2012-13, indicates that byproducts generated in the IRZ: 1) travel in the direction of groundwater flow (generally northward); 2) lessen or attenuate within project boundaries back to threshold concentrations, and 3) have not affected nearby domestic wells. Of the three dissolved metal byproducts, monitoring data indicate that manganese typically travels the farthest in groundwater compared to iron or arsenic. Groundwater movement tracer tests related to the 2012-13 investigation are still ongoing, but preliminary data from those tests support the conclusion that IRZ byproducts have not left the project area and therefore are not affecting nearby domestic wells.

Monitoring of approximately 35 domestic wells located near ATUs and IRZs for remediation byproducts is ongoing on a quarterly basis. Data from this monitoring is shown in ATU Groundwater Monitoring Reports, submitted quarterly on February 20,

May 20, August 20, and November 20 of each year. These reports are available on Geotracker at the web address noted above. IRZ quarterly monitoring reports are submitted January 15, April 15, July 15, and October 15 of each year and are also available on Geotracker.

In summary, Water Board staff has disclosed and discussed numerous sources of data regarding arsenic and uranium in the Hinkley area, and continue to require PG&E to monitor for those constituents in waste discharge permits issued for ATU and IRZ operations. Monitoring requirements are set for domestic and monitoring wells, irrigation wells, soils, and plant tissue samples. These requirements and resultant data are readily available online, or by requesting to review the Water Board's hardcopy files (see http://www.waterboards.ca.gov/lahontan/resources/public records/index.shtml for information on Public Records Act requests).

II. PROPOSED CLEANUP AND ABATEMENT FOR WASTE CHROMIUM DISCHARGES

You are also concerned that Water Board's proposed 2015 Cleanup and Abatement Order requiring PG&E to cleanup chromium contamination due to historical releases from its Hinkley Compressor Station does not mention arsenic and uranium levels. The proposed CAO, released for public comment from January 21 to March 13, 2015, is available at http://www.waterboards.ca.gov/lahontan/water_issues/projects/pge/cao/.

As described above, the Water Board does not have evidence that PG&E's actions, either historic or current, have resulted in unauthorized waste discharges of arsenic or uranium to the groundwaters of the Hinkley aquifer or domestic wells. Therefore, it is not necessary or relevant to discuss arsenic or uranium levels in the proposed CAO. Unauthorized waste discharges of total and hexavalent chromium did occur as a result of compressor station operations in the 1950s and 1960s, and those discharges are the appropriate subject of the CAO. Further, and as described above, the Water Board, through its two permits authorizing chromium remediation activities, is requiring ongoing monitoring of arsenic and uranium to track changes due to PG&E's remediation activities and to require corrective actions when needed.

III. OTHER ISSUES RAISED IN CORRESPONDENCE

Allegations of Bias

In your May 7, 2015 letter, you state that the Water Board "should refrain to utilize any study by the USGS, on the grounds that Dr. Izbicky (sic) from USGS was paid by Pacific Gas and Electric Company, over \$4 million, and therefore any such study will be legally construed as biased." You also state that the "so-called IRP Manager controlled by the private company Project Navigator, LLC, paid by Pacific Gas and Electric Company, is hereby construed by The People, as totally biased organizations (sic) . . . and must not be promulgated nor proclaimed . . . as performing task (sic) for the Community of Hinkley."

Regarding the Hinkley chromium background study conducted by Dr. Izbicki of the USGS: Dr. Izbicki's involvement in the background study came about, in large part,

through numerous requests to the Water Board and contacts to Dr. Izbicki by Hinkley residents who were adamant that any chromium background study should be conducted under the direction of the USGS, an unbiased, non-regulatory federal agency. The USGS, and Dr. Izbicki in particular, has unique expertise on the occurrence of chromium in aquifers of the Mojave Desert, and has developed specialized techniques to investigate the sources of chromium in groundwater. The Water Board and PG&E share the Hinkley residents' desire to leverage the unbiased expertise of the USGS in determining background chromium levels in the Hinkley Valley.

Funds for the USGS background study were deposited by PG&E into a trust account held by the State Water Resources Control Board. This allowed the Water Board to enter into an independent contract with the USGS to develop workplans and conduct groundwater investigation activities in the Hinkley area to assess background levels of chromium in groundwater. Water Board staff oversee the contract with the USGS, and the State Water Board issues payment to the USGS once Water Board staff approves USGS's invoices for work. PG&E has no role whatsoever in the disbursement of actual payments to the USGS for the background study work. Once PG&E's funds were deposited into the State Water Board's trust account, those funds became under the sole control of the state of California, and PG&E has no control or influence over the disbursement of such funds.

Water Board staff have gone to great lengths executing the contract with the USGS to ensure that the results of the background study are unbiased, acceptable to the community, and based on the best available science, methods and analysis.

Regarding the Independent Review Panel (IRP) Manager, Project Navigator: Project Navigator staff is under contract to PG&E, and paid by PG&E directly. However, members of the Hinkley community, primarily through the Hinkley Community Advisory Committee, provide input on the scope of work each year. Project Navigator's work products are developed in collaboration with the Hinkley Community Advisory Committee. Project Navigator's primary role is to provide technical assistance to Hinkley residents, so they may understand and provide comments on many items, including reports from PG&E and orders from the Water Board.

Request for Government Employee to Witness Sampling

In an email dated May 4, 2015 and letters dated April 30 and May 7, 2015, you request that a government employee (assuming to be Water Board staff) be present to witness sampling conducted by you of the Hinkley aquifer at up to 35 locations, including private property (assuming at residents' drinking water wells); and you also state that the Board must order testing of 35 injection-extraction-monitoring wells operated by PG&E for unfiltered arsenic and uranium.

Individual private well owners are responsible for conducting sampling of their own wells or authorizing access to others for the purpose of conducting the sampling. Sampling of monitoring wells constructed and owned by PG&E, must be done only by PG&E or others with permission and authorization from PG&E. Anyone accessing PG&E monitoring wells without PG&E's permission is committing an illegal activity.

We note that under current monitoring requirements issued to PG&E, analysis for arsenic and uranium are run as "dissolved" concentrations. Samples collected from wells by PG&E are filtered before analysis to remove any solids that may interfere with sample analysis (the USGS uses this same procedure). This is the appropriate method for assessing contaminant levels in an aquifer.

As described above, sampling for arsenic and uranium is ongoing (and has been occurring for some time) at domestic, monitoring, and remediation wells in Hinkley. Water Board staff rely on data collected by PG&E's consultants under its various Water Board-issued permits, cleanup and abatement orders, and investigative orders. PG&E is required to follow quality assurance/quality control protocols and use professionals and laboratories licensed by the state of California to collect and analyze data, and must report its results under the penalty of perjury. At this time, we do not see the need to duplicate PG&E's monitoring of their remediation wells.

The State and regional water boards do not sample private domestic wells. If it is determined that sampling of private wells is necessary as part of an investigation of potential contamination by a human activity, the water boards will require sampling by the discharger's consultant, and generally would not conduct the sampling itself. Private well owners are responsible for sampling (or hiring professionals to sample) their own wells. We do not have the resources to oversee a private effort such as yours to conduct domestic well sampling when there is no evidence to suggest illegal discharges of waste have occurred. For more information on sampling your well, please see "A Guide for Private Domestic Well Owners" produced by the State Water Resources Control Board, revised April 2011, found at this web address: http://www.waterboards.ca.gov/gama/docs/wellowner_guide.pdf

Please contact me at 530-542-5436 <u>lauri.kemper@waterboards.ca.gov</u> if you have any questions or need more information.

LAURI KEMPER, PE

ASSISTANT EXECUTIVE OFFICER

cc via email:

Ross Sevy, District Director, Office of Jay Obernolte, Assemblyman (ross.sevy@asm.ca.gov)

A. Ramirez, City of Barstow Police Department

(aramirez@barstow.ca.org)

Corwin Porter, San Bernardino Cty Dept of Public Health, Div. of Env. Health Svcs (corwin porter@dph.sbcounty.gov)

Jon Marhoefer, Captain, San Bernardino County Sheriff, Barstow/Trona Station (imarhoefer@sbcsd.org)

Sean McCarthy, SWRCB Department of Drinking Water (Sean.McCarthy@cdph.ca.gov)

George Alexeeff, Director, Cal/EPA Office of Env. Health Hazard Assessment (George Alexeeff@oehha.ca.gov)

Steve Koyasako, Assistant Chief Counsel, California DTSC

(steve.koyasako@dtsc.ca.gov)

Gita Kapahi, SWRCB, Office of Public Participation

(Gita.kapahi@waterboards.ca.gov)

Ryan Camero, California Highway Patrol

(rcamero@chp.ca.gov rcamara@chp.ca.gov)

Dr. John Izbicki, USGS

(jaizbick@usgs.gov)

Diane Trujillo, Enforcement, CAL/EPA

(Diane.trujillo@calepa.ca.gov)

Arsenio Mataka, Enforcement, CAL/EPA

(Arsenio Mataka@calepa.ca.gov)

Dr. Raudel Sanchez, Project Navigator, LLC

(rsanchez@projectnavigator.com)

Kim Niemeyer, SWRCB, Office of Chief Counsel

(kim.niemeyer@waterboards.ca.gov)

Lori Okun, SWRCB, Office of Chief Counsel

(Lori.Okun@waterboards.ca.gov)

Michael Lauffer, SWRCB, Office of Chief Counsel

(michael.lauffer@waterboards.ca.gov)

Patty Kouyoumdjian, Executive Officer, Lahontan Water Board

(patty.kouyoumdjian@waterboards.ca.gov)

Jay Cass, Lahontan Water Board, Victorville office

(jehiel.cass@waterboards.ca.gov)

Gary Edward Tavetian, Supervising Deputy Attorney General, California Office of

Attorney General, Department of Justice

(gtavetian@doj.ca.gov)

Dr. Ian Webster, Project Navigator, LLC

(iwebster@projectnavigator.com)

Kevin Sullivan, PG&E

(KMSu@pge.com)

MLK/ma/T: Personal Privacy 6-File Under: 6B369107001

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SUMMARY OF EXHIBITS PAA-1 THROUGH PAA-10

(Points and Authorities Exhibits (PAA) in Support of the SAC)

State of California Lahontan Regional Water Quality Control Board ("the Board"), has sent numerous Clean Up and Abatement Orders, Notices and other papers to the Defendants Pacific Gas and Electric Company, (PG&E), since April 2011 to present, in regards to contamination of aquifers beneath the town of Hinkley, CA 92347 and of the residents domestic water wells in Hinkley, CA 92347, seeking investigations and disclosures of the byproducts Arsenic and Uranium, including other radionuclides such as Gross Alpha and Gross Beta Radiation, that are as a direct result thereof PG&E's "In-Situ and Agricultural Treatment Operations". Excerpts from these orders, notices and Papers, highlighted in yellow color, are introduced herein as an additional Points and Authorities (PAA) in support thereof the Second Amended Complaint (SAC), as well as analysis of such excerpts, in summary, as follows:

1. EXHIBIT "PAA-1": Paragraph "13. Constituents of Concern The discharge of extracted groundwater to agricultural treatment units contains waste chromium origination from the compressor station. Extracted groundwater also contains total dissolved solids, nitrate, naturally-occurring uranium and other radionuclides, and naturally-occurring dissolved metal, such as arsenic, manganese, an iron."

"This order also requires monitoring of uranium and other radionuclides to determine the potential for these constituents to be transported or mobilized due to pumping for remediation purposes."

Analysis: Here, it is clear that the Board had acknowledged that PG&E's agricultural operations are prone to disturb the Uranium and Arsenic in the aquifers and due to extracted ground water which contains Uranium and Arsenic, are also prone to contaminate by a plume carrying ("mobilized or transported") such constituents, and did ordered PG&E to monitor, such events, however, to date no evidence exist that the Defendants had complied with such order, thus are concealing such fact.

2. EXHIBIT "PAA-2": Paragraph <u>"21. Constituents of Concern</u> The Constituents of Concern (COCs) consist of total chromium (Cr(T) and hexavalent chromium (Cr(VI). Potential constituents of include...., and naturally-occurring reducible metals, such as arsenic...."

Analysis: Here, it is clear that the Board had again acknowledged that the Arsenic is a constituent of concern, being a subject of a problem metal ("reducible metal"). By this requirements, the Board is demanding from the "Discharger" Pacific Gas and Electric Company that PG&E must disclose the Constituents of Concern, which, to date did not occur and that the Board requirements do not expire.

3. EXHIBIT "PAA-3": "INVESTIGATION ORDER NO. R6V-2012-0057 REQUEST FOR URANIUM AND GROSS ALPHA AND BETA RADIATION DATA, PACIFIC GAS AND ELECTRI COMPANY (PG&E), HINKLEY COMPRESSOR STATION, SAN BERNARDINO COUNTY BackgroundData in quarterly gross alpha, and gross beta radiation at concentration exceeding drinking water standard of 20 picocuries per liter (pCi/L), 15 pCi/L, and 50 pCi/L, respectively."

Analysis: Here, this time on November 2, 2012, thereafter the initial Board's orders since April 2011, the Defendant PG&E did not comply with this order requirements to submit report by November 30, 2012, which triggers not only avoidance issue, but concealment of fact, that the aquifers are poisoned with radionuclides, (resulted therfrom decay of the Uranium) and the fact that the Board did not further proceed with further seeking and demanding full and unconditional further disclosure from PG&E, is another evidence of silencing the facts of poisoned aquifers with radionuclides, thus an accomplice.

4. EXHIBIT "PAA-4": The Water Board: "FOLLOW-UP ON MAY 16, 2013 REGARDING REQUIREMENTS....WITHIN ONE-MILE... The original ...CAO defines "affected area" to include all domestic wells within one mile..."

Analysis: Here, the State of California Lahontan Regional Water Quality Control Board, reiterates that all domestic water wells within one mile of the affected area are to be include in the affected area, thus, any domestic water well within one mile from any real estate properties owned by PG&E that are contaminated, are considered affected, and therefore any contaminated aquifers beneath real properties owned by PG&E throughout Hinkley, CA 92347 that are poisoned with Arsenic and Uranium, is considered to affect any aquifers beneath domestic water wells within the one mile from poisoned with Arsenic and Uranium real properties owned by the Defenadnts Pacific Gas and Electric Company. Regardless of this reminder, to date, the Defendants avoided to adhere to such reminder and therefore such avoidance should be construed as silencing the issue of poisoned aquifers, each within one mile.

5. EXHIBIT "PAA-5": Lahontan Regional Water Quality Control Board Order on May 24, 2013 "INVESTIGATIVE ORDER NO. R6V-2013-0041 Enforcement The need for this investigation outweighs the burden on PG&E to produce information in that radionuclide data will assist in evaluating potential threats to public health in the environmental impact report that could result from PG&E's proposed cleanup activities."

Analysis: Here, the Board's Investigation Order and Enforcement, demanded data on radionuclides, which could affect the environmental impact report, which in fact, now must be null and void, since PG&E avoided to produce the radionuclides data prior to date that was due, and therefore such concealment of data acts by Defendant PG&E, triggers the act of conspiracy to defraud all Plaintiffs.

6. EXHIBIT "PAA-6": Board's rejection to PG&E's requests, issued on February 19, 2014: "Upon careful consideration, the Water Board has decided not make changes....wells located between the southern plume and Dixie road are needed to monitor the eastern plume...especially be needed upon implementation of future ATUs." (ATSs means Agricultural Treatment Units, which caused poisoning of the Aquifers with Arsenic / Uranium)

7. EXHIBIT "PAA-7": Board's Comments dated February 25, 2014 "Reporting PG&E shall

Analysis: Here, the Board finally commenced to decline PG&E's requests to avoid testing areas such as the eastern area, however the Board did not proceed further to enforce testing the eastern area.

- fully discuss and describe all corrective actions implemented in the western area to reduce chromium concentration in groundwater".

 Analysis: Here, the Board is stipulating that PG&E is not addressing the Board's concerns that, just like the eastern area (Eastern area is east of Dixie Road), the western area (Western area is west of Hinkley Road), lacks, as well, corrective actions, and that the "concentration in groundwater"
- (concentration in groundwater represents the water in the aquifers, poisoned with the chromium plume),
- thus PG&E has again avoided to clean poisonous substances in the Eastern and Western areas.
 - 8. EXHIBIT "PAA-8": Notice by the Board: "NOTICE OF INCOMPLETE REPORT...."
 Paragraph "9. Domestic and Agricultural Supply Wells Potentially Affected by Agricultural
 Byproducts..." "Remedial actions include groundwater movement due to remedial pumping, as
 well as increases in byproduct concentration due to percolation of irrigation water from ATUs."
 - Paragraph "10. Domestic and Agricultural Supply Wells Potentially Affected...triggering analysis for increases in arsenic, manganese, uranium..."

Analysis: Here, it is absolutely clear that the Board identified the causes of contamination with Arsenic and Uranium, being PG&E's Agricultural Operations and of contaminated aquifers ("groundwater").

- 9. EXHIBIT "PAA-9": Statement by Chief Executive Officer from State of California Lahontan Regional Water Quality Control Board, Dated July 18, 2014, highlighted in yellow color, found therein Exhibit "PAA-9", implies that the drinking water from the aquifers beneath the town Hinkley, CA 92347, is safe to drink. Such statement was based upon PG&E's 4-years of presentations to the Board. Analysis: Such statement is absolutely incriminating, in light that the aquifers tested via all of the Plaintiffs' domestic water wells were all poisoned with Arsenic and Uranium, thus the water is not safe.
- 10. EXHIBIT "PAA-10": Letter from the Board to Kevin Sullivan, Director Pacific Gas and Electric Company, dated December 16, 2014, stipulating "impacted wells and baseline for...uranium.."

 Analysis: Here, end of 2014, 60-years wrangling saga continue and with wanton concealment of facts.